

IT Jobs at International Monetary Fund

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1) Process Automation CoE Lead, A13-A14 ITD CE

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| Job Title: PROCESS AUTOMATION CoE LEAD | |
| Job Grade: A13 – A14 | |
| Minimum Qualifications | |
| <ul style="list-style-type: none"> ▪ Bachelor’s degree in Computer Science or Engineering, or a related study required ▪ Advanced degree in Computer Science or Engineering, or related field preferred ▪ 14+ years of relevant work experience ▪ 7+ years of progressive experience with software systems development life cycle and structure programming methods ▪ Demonstrated experience in taking on complex assignments/initiatives as the lead and assume increasingly greater leadership roles/responsibilities | |
| Job Summary | |
| <ul style="list-style-type: none"> ▪ Sets direction and is accountable for the overall process automation strategy and governance as practice lead for Process Automation Center of Excellence (CoE) ▪ Work with other stakeholders and is accountable overall for the definition, design, configuration, testing, deployment and integration of new, modified and/or enhanced automations ▪ Provides services, guidance and SME support around automation to product and platform teams within the organization ▪ Drives further adoption of automation practices by identifying, assessing, prioritizing and recommending automation opportunities within the organization | |
| Major Duties and Responsibilities | |
| 1. | Liases with other stakeholders and is accountable for overall life cycle of automation solutions and tools, such as requirements specifications, solution design and operating instructions. |
| 2. | Establishes and maintains process automation standards, guidelines, common processes and tools that are leveraged throughout the organization. |
| 3. | Communicates and facilitates communities of practices related to the automation throughout the organization. |
| 4. | Drives automation discussions within the organization as needed to socialize automation and gain support and sponsorship. |
| 5. | Coordinates and/or participates in various types of interviews, workshops and meeting to define and design automation solutions. |
| 6. | Works with product and platform teams to develop business cases for automation, with appropriate measures and KPIs and analysis of cost, benefit and risk including return on investment. |
| 7. | Participates in the development process with product and platform teams, including constructing and maintaining efficient, reusable and reliable code with automation solutions and tools. |
| 8. | Provides guidance, best practices, research and support for the development, project management and training activities related to process automation and automation solutions. |
| 9. | Provides guidance on automation across multiple platform areas, identifies and defines new technologies and processes, recommending short-term alternatives where appropriate. |
| 10. | Collaborates with delivery teams and/or managed services providers to successfully deliver on automation activities with sign-off approvals from the stakeholder. |
| 11. | Coaches other product and platform team members as well as Managed Services Providers. |

2) Sr. /Systems Analyst (SWIFT), A11-A12 ITDAI FP

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| Job Title: Sr. /Systems Analyst (SWIFT) | |
| Job Grade: A11-A12 | |
| Minimum Qualifications | |
| <ul style="list-style-type: none"> ▪ Bachelor's degree in Business, Information Systems, or related discipline. ▪ 8 to 10 years of business or IT experience with SWIFT systems, operations, compliance, Backoffice integration and solutions. Experience with SWIFT regulations, audit and SWIFT CSP (Customer Security Program). Experience with direct responsibility for strategy formulation and/or translation, business analytics, and program management. ▪ Management experience in one or more of the following areas: strategic planning, leadership, business relationship management and business process management. | |
| Job Summary | |
| <ul style="list-style-type: none"> ▪ Manages SWIFT as a platform which includes managing SWIFT systems, operations, compliance and Backoffice integrations. Provides solutions for SWIFT related initiatives. Acts as the lead person and an expert for SWIFT platform at the IMF. ▪ Serves as a liaison between the ITD Product and Platform as part of the platform teams to understand business requirements and translate into platform requirements and advise on the best solutions. Translates business strategies, opportunities, threats and needs into ITD platform requirements that can be delivered incrementally to ITD consumers as rapidly as possible. Advises on a standard platform family or a combination and integration of several platform families. ▪ Identifies platform requirements that lead to an existing platform family and works with Enterprise Architecture, BA, Solution Architect, Platform Architect, Platform owners to define the way forward to satisfy the business needs. | |
| Major Duties and Responsibilities | |
| 1. | Demonstrates basic understanding of information technology and platform/system concepts. |
| 2. | Compiles swim lane diagrams, data flow diagrams, help with the logical and physical data models and system/platform interaction. |
| 3. | Facilitates development of cross-product and platform family solutions that combine knowledge of platform processes, IT platforms and issues, general technological options, and process facilitation techniques. |
| 4. | Facilitates the construction of system/platform models, which may include business and technical capabilities, as well as working collaboratively with technical leaders, strategists, platform owners and subject matter experts. |
| 5. | Analyzes, documents, and tests platform development, logic, process flows and specifications. |
| 6. | Documents user manuals. |
| 7. | Develops, motivates, and directs staff belonging to various organizations (business and ITD) to understand the business and platform needs and find the best solution that will both align with the customer objectives and the ITD strategy. |
| 8. | Collaborates with stakeholders involved in strategy and innovation to develop an ITD platform investment roadmap. |
| 9. | Engages key business stakeholders to facilitate both strategy and innovation planning. |
| 10. | Partners with business and technology partners to elicit, analyze, translate, and document technical requirements, pain points or opportunities into ITD requirements. |
| 11. | Partners with BA, product owners and architecture team to conduct paper-based design, solutioning sessions, MVP taste-testing all along the life cycle from business demand to value delivery. |
| 12. | Assesses near-term needs, using structured interview processes and consumer research methods to understand opportunities and help business establish priorities. Consult with Product teams and propose alternative solutions. Advise on options, risks, costs versus benefits, and impact on other business processes and Product priorities. |
| 13. | Collaborates with platform families to remain apprised of technical strategy, status, and progress. Keeps platform owners aware of key platform-relevant customer issues, helping, identifying, and resolving potential problems and conflicts. |
| 14. | Consults with product-facing programs and maintain knowledge of their progress. |

3) Internal and Corporate Support Product Family Owner, A13-A14 ITD FP

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| Job Title: Internal and Corporate Support Product Family Owner | |
| Job Code: | Job Grade: A13-A14 |
| Minimum Qualifications | |
| <ul style="list-style-type: none"> ▪ Bachelor's degree in Computer Science, Computer Engineering, Software Engineering, Electrical Engineering or a related technical discipline. ▪ Advanced degree in computer science or a related field preferred. ▪ 10+ years' experience as a Product Owner in software development managing product lines. ▪ PMP, Six Sigma Green Belt and ITIL v.3 or v.4 certifications preferred but not required. | |
| Job Summary | |
| <ul style="list-style-type: none"> ▪ Responsible for the lifecycle management of IT products to support business capabilities from concept to retirement. ▪ Oversees one or more products or product families. ▪ Works alongside the Business Product Owner Assumes to end-to-end accountability for entire product lifecycle. ▪ Collaborates with stakeholders to influence policies and strategy formation. ▪ Facilitates the prioritization process across the product stacks and in relation with the platform product family's strategy. ▪ Translates business strategies, opportunities, threats and needs into ITD product requirements that can be delivered incrementally to ITD consumers as rapidly as possible. | |
| Major Duties and Responsibilities | |
| 1. | Leads the development of strategies, architectures and programs for complex products and platforms, ensuring consistency with specified requirements agreed with both external and internal customers. |
| 2. | Responsible for executing the "Two in the Box" product management concept and leading the business owner and stakeholders through the product lifecycle process. |
| 3. | In collaboration with the Business Owner, develops roadmaps which outline the business capability needs. |
| 4. | Responsible for developing resource and budget plans in collaboration with key IT stakeholders. |
| 5. | Provides guidance, leadership and assignments for the integrated product teams including business analysts, QA and release specialists. |
| 6. | Takes full responsibility for the balance between functional, service quality and systems management requirements within the product area. |
| 7. | Within a business change program, manages the target design, policies and standards, working proactively to maintain a stable, viable architecture and ensure consistency of design across product components. |
| 8. | Work closely with and ensure regular communication with internal project stakeholders, project sponsors, and the Customer to ensure smooth project on-boarding. |
| 9. | Works to continuously assess resource capacity, prioritize, anticipate and make tradeoffs, and balance business needs against technical, resource or time constraints. |
| 10. | Coordinates and plans with the Platform teams to ensure successful, timely feature delivery to meet the business expectation. |
| 11. | Manages the product teams to determine business requirements and specify effective business processes, through improvements in information systems, information management, practices, procedures, and organization change. |
| 12. | In collaboration with Business Owner, prepares business cases which define potential benefits, options for achieving these benefits through development of new or changed processes, and associated business risks. Identifies stakeholders and their business needs. |
| 13. | Sets product family standards for programming and automation tools and techniques, including security guidelines and the selection of appropriate development methods. |
| 14. | Advises on application of standards and methods and ensures compliance. |
| 15. | Provides leadership for all stages and/or iterations in a software development product, providing method specific technical advice and guidance to product stakeholders. |

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| 16. | Contributes effectively to identifying new areas of software process improvement within the organization. |
| 17. | Carries out software process improvement assignments, justified by measurable business benefits. |

4) IT Program Lead, A13-A14 ITD PM

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| Job Title: IT PROGRAM LEAD | |
| Job Code: | Job Grade: A13 – A14 |
| Minimum Qualifications | |
| <ul style="list-style-type: none"> ▪ MBA or MSc in IT related field preferred ▪ PMP or PgMP certification or equivalent qualification preferred ▪ 7+ years working in a program management at an enterprise level, including scoping timelines/project plans, participating and or leading cross-functional teams, and owning deliverables ▪ Proven track record of success in leadership positions ▪ 10+ years managerial experience ▪ Exceptional project management, organization and communication skills ▪ Ability to influence and negotiate with senior stakeholders | |
| Job Summary | |
| <ul style="list-style-type: none"> ▪ Responsible for the planning and execution of major transformation initiatives and works cross-functionally to ensure ITD is supporting transformation objectives and enabling business capabilities. ▪ Works in close collaboration with the Program Manager, Program sponsors, Steering Committee members and other members of the transformation initiative to ensure successful implementation of both business process and technical workstreams. ▪ Works in close collaboration with other members of the Product Management Office and Delivery organization to ensure that business needs are being met and that ITD is go-to partner for IT capabilities. ▪ Maintains a strong understanding of the Fund and its departments and divisions. ▪ Negotiates at senior levels on technical and commercial issues with the business. ▪ Acts as an advisor and builds and maintains senior level relationships across the wider stakeholder community. | |
| Major Duties and Responsibilities | |
| 1. | Leads the planning, implementation and execution of major transformation initiatives. |
| 2. | In collaboration with the Program Manager/Sponsor, leads, motivates, develops and manages the project team responsible for the implementation of the major transformation initiative. Assists the Program Manager in building a high caliber project team with the skills and capabilities needed to deliver end-to-end transformation initiative. |
| 3. | Acts as ITD’s advocate into the Business in the context of the major transformation program and advocates for those programs/business interests within ITD. |
| 4. | Negotiates and influences senior business leaders (e.g. Sponsor, Steercom, Program Manager) to resolve issues and open decisions to ensure that the right project management, technical and business outcomes are achieved. |
| 5. | Provides strong project management leadership for both the technical and business process workstreams. Adheres to PMI best practices for project and program management, such as: |
| 6. | Leading the development of the business case, CBA, project charter, scope, PMP, integrated project plan and other project management documents. |
| 7. | Issuing weekly status reports, tracking completion of schedule activities, updating RAID logs, tracking hot topics and escalating issues as required. |
| 8. | Holding both technical, business and vendor project team members accountable for on-time completion of tasks as part of regular progress meetings. |
| 9. | Conducting regular reviews with business program manager, executive sponsor and stakeholders to update on status and identify project/program needs, issues and/or changes. |
| 10. | Establishing and ensuring appropriate governance functions for the project/program in accordance with enterprise policies, practices and on behalf of the executive sponsor. |
| 11. | Managing the costs, financials and funding aspects of the transformation initiative |

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| 12. | Ensuring that project is implemented on schedule and on budget and project goals are accomplished and in line with business objectives. |
| 13. | Collaborating with PMO on periodic status reporting and managing scope, cost, and schedule health. |
| 14. | Directs and coordinates activities of Project personnel to ensure Project progresses on value delivery schedule and within budget. |
| 15. | Where required, liaises with Product Management and Delivery teams to manage and prioritize product portfolio and upcoming projects. |

5) Budget Officer, A11-A12 ITDAI RM

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| Job Title: BUDGET OFFICER | |
| Job Code: | Job Grade: A11 - A12 |
| Minimum Qualifications | |
| <ul style="list-style-type: none"> ▪ Bachelor's degree in Accounting, Finance, Business, or Economics ▪ MBA/CPA (or equivalent qualification) preferred ▪ 8+ years relevant experience ▪ Previous IT Financial Planning & Analysis, Innovation Finance or Project Management experience required. ▪ An overall understanding of IT cost models, IT delivery models and IT financial management best practices. ▪ Previous experience with IT process implementation and change management. ▪ Significant experience in advanced Excel and MS Office required. ▪ Experience with Business Intelligence and Analytics tools such as Power BI (or others) preferred. ▪ Experience in external cloud costing and how to tie usage to each business unit. | |
| Job Summary | |
| <ul style="list-style-type: none"> ▪ Supports the Department's administrative and capital budgeting processes. ▪ Contributes to the preparation of associated documents for the Committee on the Budget and Executive Board. ▪ Monitors expenditure trends to evaluate budget performance, in support of the development and maintenance of information systems. ▪ Coordinates planning and budgeting activities with other Fund departments. ▪ Contributes to special projects and organizational reviews. | |
| Major Duties and Responsibilities | |
| 1. | Works with IT and Business Leadership to facilitate on-going and new cost show back and charge back needs. |
| 2. | Responsible the Service Costing Data Model(s) and performing financial analysis of the related data, as needed. |
| 3. | Works with application development and support leaders to facilitate on-going application data maintenance, TCO of applications, variance analysis, adherence to monthly consumption reports and executive reporting to support the financial model(s). |
| 4. | Assist the development and assessment of Fund-wide analytical models of expenditure patterns and other tools used for budget monitoring and control. |
| 5. | Identifies and analyzes the main issues affecting ITD's work programs and budgets, based upon the overall strategy and institutional impact. |
| 6. | Represents the Department in discussions and negotiations with other Fund departments and participates in selected meetings with management. |
| 7. | Tracks departmental / division expenditures to control spending, where possible, and adjust budgets, as needed. |
| 8. | Initiates monthly discussions with the Divisions to review allocations and expenditures. |
| 9. | Monitors, reports and identifies spending patterns to Senior Budget Manager (SBM). |
| 10. | Develops, prepares and maintains monthly and quarterly operating and capital budget variance and forecast reports for the Department's senior management and the Office of Budget and Planning (OBP). |
| 11. | Responsible for preparing and maintaining spreadsheet and databases related to the development of the ITD's operating and capital budget submissions on a rolling quarterly basis. |
| 12. | Discusses and analyzes resource planning and allocation issues with divisions and makes recommendations based on feasibility, cost-benefit analysis, overall strategy, and departmental impact. |
| 13. | Contributes to the Department's administrative budget process and anticipates impacts on the administrative budget from capital efforts. |

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| 14. | Responsible for carrying out special analyses of the budget performance of the department and projects, including financial reports to advise ITD management of the financial status of various operating and capital budget items using information extracted from corporate and divisional accounting systems and databases. |
| 15. | Coordinates and executes the approval of funding for capital projects throughout the budget life cycle and ensures that the funds are allocated to the proper capital accounts while identifying carry-forward funding needs and arranging for the return of unspent funds. |
| 16. | Tracks capital and admin Budget project progress, expenditures, commitments, completion status and year-end projections. |
| 17. | Serves as the ITD representative on selected interdepartmental committees, task forces, and working groups, as requested. |
| 18. | Develops, or assists in formulating, analytical models for forecasting ITD's budget and assessing expenditure patterns and other tools used for budget monitoring and control. |
| 19. | Develops indicators and reporting processes to monitor outputs, inputs, and cost-effectiveness of ITD's programs and activities. |

6) Financial Management Lead, A13-A14 ITDAI RM

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| Job Title: Financial Management Lead | |
| Job Code: | Job Grade: A13-A14 |
| Minimum Qualifications | |
| <ul style="list-style-type: none"> ▪ Bachelor's degree in Accounting, Finance, Business, or Economics ▪ MBA/CPA (or equivalent qualification) preferred ▪ 8+ years relevant experience ▪ Previous IT Financial Planning & Analysis, Innovation Finance or Project Management experience required. ▪ An overall understanding of IT cost models, IT delivery models, IT financial management and capacity planning best practices. ▪ Previous experience with IT process implementation and change management. ▪ Significant experience in advanced Excel and MS Office required. ▪ Experience with Business Intelligence and Analytics tools such as Power BI (or others) preferred. | |
| Job Summary | |
| <ul style="list-style-type: none"> ▪ Supports the Department's strategic demand and capacity planning process. ▪ Orchestrates the integration of the operational and capital demands, as well as the consolidation of required and available resources to address them. ▪ Monitors expenditure trends and capacity consumption, in support of the development and maintenance of information systems. ▪ Coordinates the work of Budget Officers and Assistants, in the preparation and execution of the administrative and capital budgets. ▪ Contributes to the development of Fund wide budgetary policy, strategic planning framework, and documents for the Committee on the Budget and Executive Board, as required. ▪ Contributes significantly to special projects and organizational reviews. ▪ Supports the work of the Front Office in the area of strategic planning and the formulation of the Department's mission, goals, and objectives. | |
| Major Duties and Responsibilities | |
| 1. | Contributes to the translation of ITD's strategy into work program priorities, with specific attention to the formulation of product roadmaps, cost and capacity estimates, in preparation for the overall administrative and capital budgets. |
| 2. | Responsible for coordinating a team that builds and provides data for cost transparency and capacity planning. |
| 3. | Perform preliminary estimate of capability and capacity to fulfil demand. |
| 4. | Review product roadmaps; contribute to the formulation of business cases; refine operational and capital demand projections and justifications; consolidate demand and capacity envelope; as well as outer year resource projection, in preparation for the Strategy and Architecture Review Board (SARB) process. |
| 5. | Support the presentation and necessary adjustments to the consolidated demand and capacity envelope, as well as outer year resource projection to the SARB. |
| 6. | Support the assessment and planning of additional capability and capacity development. |
| 7. | Review business value and Key Performance Indicators (KPIs) to evaluate results of investments across the portfolio; review impact of new demands; model potential demand reprioritization impact on cost and capacity for the SARB quarterly investment governance. |
| 8. | Works with application development and support leaders to facilitate on-going application data maintenance, TCO of applications, variance analysis, adherence to monthly consumption reports and executive reporting to support the financial model(s). |
| 9. | Assist the development and assessment of Fund-wide analytical models of expenditure patterns and other tools used for resources monitoring and control. |
| 10. | Analyzes the financial implications of major policy proposals to establish resource needs. |
| 11. | Tracks departmental / division expenditures to control spending, where possible, and adjust budgets, as needed. |

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| 12. | Develops, or assists in formulating, financial models for forecasting ITD's resources and assessing expenditure patterns. |
| 13. | Develops financial indicators and reporting processes to monitor outputs, inputs, and cost-effectiveness of ITD's programs and activities. |
| 14. | Tracks capital and admin budget project progress, expenditures, commitments, completion status and year-end projections. |
| 15. | Works closely with the Senior Budget Manager (SBM) in providing detailed analysis and reports of the department spending pattern. |
| 16. | Develops, prepares and maintains monthly and quarterly financial variance and forecast reports for the Department's senior management. |
| 17. | Contributes to the preparation of relevant portions of Committee on the Budget and Executive Board papers. |
| 18. | Serves as the ITD representative on selected interdepartmental committees, task forces, and working groups, as requested. |

7) Vendor Management Officer, G11-G12

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| Job Title: VENDOR MANAGEMENT OFFICER | |
| Job Code: | Job Grade: G11-G12 |
| Minimum Qualifications | |
| <ul style="list-style-type: none"> ▪ Bachelor's degree in Supply Chain Management, Information Technology or related field. ▪ 10+ years' experience in Procurement, Vendor Management or Supply Chain Management. | |
| Job Summary | |
| <ul style="list-style-type: none"> ▪ Understands and executes the IT sourcing strategy. ▪ Applies knowledge of the IMF procurement policies and process to source IT suppliers and services. ▪ Focuses on securing business support for procurement activities, promoting compliance and ensuring the IT management and support team(s) continue to add value to the business while building strong partnerships with suppliers. ▪ Governs managed service contracts and staff augmentation vendors with regards to contractual obligations, including financial oversight to ensure resources are fully utilized for maximum return on investment. ▪ Establishes and monitors contract performance based on standardized Service Level Agreements (SLAs) and Key Performance Indicators (KPIs), to improve vendor performance. ▪ Forecasts and manages demand with suppliers and internal stakeholders, including spend pools and new requests for services. ▪ Maximizes the use of provider(s) capabilities vis-à-vis demand; seeks value-added synergies of service offerings and cost reductions. | |
| Major Duties and Responsibilities | |
| 1. | Applies technical understanding and business acumen of the underlying product/service being sourced. |
| 2. | Monitors the market and analyzes trends in supplier spending to make recommendations in areas for possible service consolidation and cost reduction. |
| 3. | Complies with procurement policies and procedures, including those for equipment, hardware, software, and services. |
| 4. | Develops, establishes, implements, and enforces supplier guidelines, obligations, and service level agreements to the organization through vendor governance forums. |
| 5. | Benchmarks market conditions for present and future pricing, availability, lead-time, and capacity of goods and services. |
| 6. | Researches, identifies, and qualifies potential new suppliers, in order to secure more cost-effective sources of products and services. |
| 7. | Defines sourcing recommendations which support business goals, in collaboration with senior management and stakeholders. |
| 8. | Contributes to contract re-competitions by applying industry expertise to deliver quality, cost-effective service contracts, in close collaboration with internal and external stakeholders. |
| 9. | Builds and maintains collaborative business relationships with suppliers and internal stakeholders by exercising customer service skills to objectively understand and address sourcing requests. |
| 10. | Negotiates and supports positive vendor behavior. |
| 11. | Leverages strong written and oral communication skills to work in collaboration with internal stakeholders towards the development of clear and high-quality Statement of Work (SoWs). |
| 12. | Drives the successful execution of managed service and staff augmentation contracts by conducting vendor performance analysis and regularly reporting on vendor contractual SLAs, KPIs for volume discounts and/or financial penalties. |
| 13. | Assesses financial implications of vendor arrangements and performance outcomes. |
| 14. | Produces, as necessary, and reviews vendor analytics and ad-hoc reports, including but not limited to spend, KPIs, demographics such as contract type, value, services/capabilities offerings, for management review. |
| 15. | Leverages a central inventory of vendor contracts information to maximize the use of provider(s) capabilities vis-à-vis demand; seeks value-added synergies of service offerings and cost efficiencies. |
| 16. | Contributes to the budgeting process by ensuring compliance with expenditure plans and budget guidelines. |

8) Digital Asset & Innovation Platform Family Owner, A13-A14 ITDCM

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| Job Title: Digital Asset & Innovation Platform Family Owner | |
| Job Code: | Job Grade: A13-A14 |
| Minimum Qualifications | |
| <ul style="list-style-type: none"> ▪ Master’s (preferred) or Bachelor’s degree in Computer Science, Engineering, Information Systems, Business Administration, or related discipline. ▪ Proven track record of success in technical leadership, with 10+ years in software development, business analysis, program management, IT infrastructure, and/or IT service delivery positions. ▪ Strong organization and communications skills. ▪ Ability to influence and negotiate with senior stakeholders. ▪ Experience and domain knowledge in Software Development Life Cycle. Business process analytics, project management, and information security are highly desirable. ▪ Understanding, solutioning, development, delivery, support and, at times, operations of platforms such as Digital Asset and Innovation, Multimedia Information Systems, Innovation Management Platforms, Creative Digital Agency Management Solutions, Digital Asset Storage, Workflow, Asset Tagging, Catalog, Archival, Live and on Demand Video Communications, Video Transcoding, Press Engagement, Social Media, and Outreach technologies. ▪ Desired experience with domain technologies equivalent to: Media Hub, StorNext, Quantum LTO, Orange Logic, Media Beacon Revolution and Workfront, FAV, BAV, IPV Curator, Dalet Brio, Telestream Vantage, Brightcove, Ramp, MS Stream, Social Media, Bright Idea, etc. ▪ Integration with Collaboration, Virtual Workspace, Remote Interpretation solutions, such MS Teams, WebEx, Zoom, Interprefy, etc. ▪ Ability to work effectively in a multicultural, multi-project environment and ability to respond immediately to often changing business priorities. | |
| Job Summary | |
| <ul style="list-style-type: none"> ▪ The Digital Asset & Innovation platform family owner is the lead Individual Contributor position responsible for the success of the delivery of domain platforms and associated product families of the Fund’s business capabilities of surveillance, lending, and capacity development. ▪ Serves as a liaison between ITD Product and Platform families as part of platform teams to understand business requirements and translate them into platform requirements and advise on the best technical solutions. ▪ Translates business strategies, opportunities, threats and needs into ITD platform requirements that can be delivered incrementally to ITD consumers as rapidly as possible. ▪ Advises on a standard platform family, or a combination of platform families, and the integration of several platform families. ▪ Identifies platform requirements and works with Enterprise Architects, Business Analysts, Solution Architects, Platform Architects, and Platform Owners to develop solutions that satisfy business needs. ▪ Responsible for the creation of new capabilities for IT products to support the Fund’s Digital Asset Creation, Innovation, and Communications strategies and vision. ▪ Responsible of setting up and facilitating the prioritization process across the product stacks and in relation with Digital Asset & Innovation platforms’ strategies. ▪ Assumes end-to-end accountability for entire Digital Asset & Innovation platforms lifecycle alongside the Business Product Owners. | |
| Major Duties and Responsibilities | |
| 1. | Leads the solutioning, development, delivery, support, and, at times, operations, of complex digital assets, innovation, video platforms and products solutions ensuring consistency with specified requirements and towards outcomes, agreed with business stakeholders. |
| 2. | Assists, works alongside, and is an alternate to the platform owner in the Digital Asset & Innovation domain. |
| 3. | Takes full responsibility for the balance between functional, service quality and systems management requirements within the Platform area. |
| 4. | Establishes policy and strategy for the selection of Platform architecture components, and co-ordinates design activities, promoting the discipline to ensure consistency. |

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| 5. | Applies Enterprise Architecture principles, Information Security guidelines, and other IT policies and standard procedures in the development of platform and product solutions. |
| 6. | Within a business change program, manages the target design, policies and standards, working proactively to maintain a stable, viable architecture and ensure consistency of design, delivery, and operations, across Platform components. |
| 7. | Conducts investigations at a high level for strategy and feasibility studies, platform/technology requirements. |
| 8. | Contributes in preparing business cases which define potential benefits, options for achieving these benefits through development of new or changed processes, and associated business risks. |
| 9. | Sets up and facilitates the planning sessions with product owners and identified business stakeholders, to develop platform roadmap and prioritization for platform enhancements. |
| 10. | Advises product owners and business stakeholders on adoption of technology standards and methods and ensures compliance. |
| 11. | Takes responsibility for the technical aspect at all stages and/or iterations in a software development cycle from platform side, providing method specific technical advice and guidance to Platform stakeholders. |
| 12. | Develops and maintains a detailed knowledge of platform process improvement. |
| 13. | Contributes effectively to identifying new areas of platform process improvement within the organization. |
| 14. | Carries out platform process improvement assignments, justified by measurable business benefits. |
| 15. | Compiles swim lane diagrams, data flow diagrams. Helps with developing logical and physical models, and system/platform integration diagrams. Develops artifacts such as, Statement of Work, Request for Proposals, Status Reports, and other Procurement, PMO, and Managed Services Providers related documents. |
| 16. | Analyzes, documents and tests platform development, logic, process flows and specifications. |
| 17. | Assesses needs, using structured interview processes and consumer research methods to understand opportunities and help establish business priorities. Consults with Product teams and proposes alternative solutions. Advises on options, risks, cost vs benefits, and impacts on business processes and product priorities. |
| 18. | Documents and reviews manuals and knowledge artifacts for End Users, Help Desk, and other use. |

9) Scientific Computing (Engineering) Lead II, A14-A15 ITDCM

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| Job Title: SCIENTIFIC COMPUTING LEAD II | |
| Job Code: | Job Grade: A14-A15 |
| Minimum Qualifications | |
| <ul style="list-style-type: none"> ▪ Bachelor’s degree in Computer Science, Engineering, Applied Mathematics, Physics or relevant field with 17 years of experience, or ▪ Advanced degree in Computer Science, Engineering, Applied Mathematics, Physics with 11 years of experience required ▪ Strong background in applied mathematics and scientific computing ▪ Knowledge of/Experience with high performance, distributed, parallel and GPU computing ▪ Knowledge of/Experience with machine learning methods and big data analysis ▪ Ability to follow up current academic research on scientific computing, applied mathematics and statistics ▪ Ability to develop problem definitions, models, and constraints from informal requirements and deal with ambiguity and competing objectives ▪ Extensive experience with cluster computing ▪ Experience with big data specialized software ▪ Expert knowledge of personal computer architecture and memory organization ▪ Expert knowledge of computational complexity theory ▪ Experience with ETL for large-scale, complex data sets ▪ Expert knowledge of machine learning algorithms and techniques, including deep learning ▪ Extensive experience with distributed and Parallel Computing ▪ Experience with Scientific computing and data science programming languages, such as Fortran, Python and R ▪ Knowledge of GPU and FPGA computing ▪ Experience with cloud computing ▪ Expert knowledge of large-scale mathematical programming modeling and algorithm development ▪ Expert knowledge of optimization, including linear programming, nonlinear programming and dynamic programming ▪ Expert knowledge of Numerical approximation and numerical integration ▪ Expert knowledge of Linear Algebra ▪ Expert knowledge of simulation-based optimization, stochastic programming, approximate dynamic programming and robust optimization ▪ Experience with econometric, statistical and mathematical tools/software, such as EViews, Stata, Matlab and Julia ▪ Strong interpersonal skills and familiarity with economic, financial and statistical models to facilitate the cooperation with Fund’s economists on a variety of economic applications. ▪ Strong oral and written communication skills and ability to convey higher level technical concepts to non-experts ▪ Strong work management skills ▪ Facilitation and conflict management skills that enable effective working relationships | |
| Job Summary | |
| <p>Under the direction of a Platforms Family Owner, this Scientific Computing Engineering Lead serves as a member of the Econometric Modeling, Big Data, AI & ML Platforms Family, and should provide Fund-wide services on Scientific Computing using advanced computing capabilities to understand and solve complex problems related to Fund’s businesses. Applies computer simulation, machine learning, numerical analysis and theoretical computer science to solve problems in economics and finance. This position requires advanced programming skills and a strong background in applied mathematics and scientific computing. Economics, Finance and Statistics knowledge is a plus.</p> | |
| Major Duties and Responsibilities | |
| 1. | Collaborates with economists, financial sector specialists, research assistants, and other professionals from the line-of-business in the selection of the appropriate methods and data sets for economic, financial and statistical modeling. |
| 2. | Analyzes requests, designs methodology and develops programs and modules for advanced financial, economic and statistical models. |

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| 3. | Researches, analyzes, and develops algorithms to improve the performance and extend the capabilities of economic, financial and statistical models. |
| 4. | Provides expert advice on scientific computing solutions and quantitative modeling software available in the Fund. |
| 5. | Chooses a suitable computing infrastructure (parallel computing/distributed computing/supercomputers) to estimate or solve quantitative models efficiently. |
| 6. | Provides efficient computational solutions related to big data and machine learning, to complex simulation and optimization models, and to other computationally intensive applications. |
| 7. | Writes computational and data processing programs using high-level programming languages such as, Matlab, Python, Mathematica, etc. |
| 8. | Develops course materials and provides training on use of scientific computing techniques. |
| 9. | Follows up current academic research on scientific computing, machine learning, and high-performance computing. |
| 10. | Provides strong intellectual and technical leadership in all aspects of scientific computing subject and oversees work that may be performed by both internal staff and external resources. |
| 11. | Builds relationships and works with economists and financial sector specialists to assess and understand business goals and objectives and fosters collaborative working relationships. |
| 12. | Other responsibilities required to deliver scientific computing solutions. |

10) Systems Engineer – (Digital asset & Innovation) A11-A12 ITDCM

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| Job Title: SYSTEMS ENGINEER – Digital Asset and Innovation Platform Owner | |
| Job Code: | Job Grade: A11 – A12 |
| Minimum Qualifications | |
| <ul style="list-style-type: none"> ▪ Bachelor's degree in Computer Science, Engineering, Information Systems, Business Administration or related area. Master's degree in related discipline preferred. ▪ 6 to 8 years of IT experience with direct responsibility for software development, business analysis, program management, IT infrastructure and/or IT service delivery. ▪ Experience in one or more of the following areas: strategic planning, leadership, business relationship management and business process management. ▪ Comprehensive understanding of information technology and systems engineering concepts. ▪ Strong organization and communications skills. ▪ Ability to influence and negotiate with senior stakeholders. ▪ Experience and domain knowledge in Software Development Life Cycle. Business Process Analytics, Project Management, and Information Security are highly desirable. ▪ Proven understanding, solutioning, development, delivery, support and, at times, operations of Digital Asset and Innovation platforms, such as, Digital Asset Management, Multimedia Information Systems, Innovation Management Platforms, Creative Digital Agency Management Solutions, Live and on Demand Video Communications, Press Engagement, Social Media and Outreach technologies. <ul style="list-style-type: none"> ▪ Desired experience with domain technologies: Media Hub, StorNext, Quantum LTO, Orange Logic, Media Beacon Revolution and Workfront, FAV, BAV, IPV Curator, Dalet Brio, TeleStream Vantage, Brightcove, Ramp, MS Stream, Social Media, Bright Idea, etc. ▪ Integration with Collaboration, Virtual Workspace, Remote Interpretation solutions, such MS Teams, WebEx, Zoom, Interprefy, etc. ▪ Ability to work effectively in a multicultural, multi-project environment and ability to respond immediately to often changing business priorities. | |
| Job Summary | |
| <ul style="list-style-type: none"> ▪ Serves as a liaison between the ITD Product and Platform families as part of the platform teams to understand business requirements and translate them into platform requirements and advise on the best technical solutions. ▪ Translates business strategies, opportunities, threats and needs into ITD platform requirements that can be delivered incrementally to ITD consumers as rapidly as possible. ▪ Advises on a standard platform family, or a combination of platform families, and the integration of several platform families. ▪ Identifies platform requirements and works with Enterprise Architects, Business Analysts, Solution Architects, Platform Architects and Platform Owners to develop solutions that satisfy business needs. | |
| Major Duties and Responsibilities | |
| 1. | Leads the solutioning, development, delivery, support, and, at times, operations, of complex digital assets, innovation, video platforms and products solutions ensuring consistency with specified requirements and towards outcomes, agreed with business stakeholders. |
| 2. | Assists, works alongside, and is an alternate to the lead platform family owner individual contributor in the Digital Asset & Innovation domain. |
| 3. | Compiles swim lane diagrams, data flow diagrams. Helps with developing logical and physical data models and system/platform integration diagrams. Develops artifacts such as Statement of Work, Request for Proposals, Status Report, and other Procurement, PMO, and Managed Services Providers related documents. |
| 4. | Facilitates development of cross-product and platform family solutions that combines knowledge of business processes, platforms and general technologies. |
| 5. | Works collaboratively with strategists, architects, subject matter experts and platform family owners to facilitate the construction of system/platform models. |
| 6. | Analyzes, documents and tests platform development, logic, process flows and specifications. |

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| 7. | Documents and reviews manuals and knowledge artifacts for End Users, Help Desk and other use. |
| 8. | Develops, motivates and directs staff belonging to various organizations (business and ITD) to understand the business and institution's platform needs and identifies solutions that align with customer objectives and the IT strategy. |
| 9. | Collaborates with stakeholders involved in strategy and innovation to develop an ITD platform investment roadmap. |
| 10. | Engages key business stakeholders to facilitate both strategy and innovation planning. |
| 11. | Partners with business and technology colleagues to elicit, analyze, translate, and document technical requirements, pain points or opportunities into ITD requirements. |
| 12. | Partners with Business Analysts, Product Owners and Technical Architects to conduct paper-based design, solutioning sessions, and MVP testing throughout the project lifecycle. |
| 13. | Assesses near-term needs, using structured interview processes and consumer research methods to understand opportunities and help establish business priorities. Consults with Product teams and proposes alternative solutions. Advises on options, risks, costs versus benefits, and impacts on business processes and product priorities. |
| 14. | Collaborates with platform families to remain apprised of technical strategy, status, and progress. Conversely, keeps platform owners aware of key platform-relevant customer issues and helps identify and resolve potential problems and conflicts. |
| 15. | Consults with product-facing program teams and maintains knowledge of their progress. |
| 16. | Oversees the technical implementation of new systems and platforms to ensure conformance to specifications. |
| 17. | Helps solve technical problems during system and platform implementation and production incidents. |

11) AI Solutions Engineer / Sr. AI Solutions Engineer, A11-A12 ITDCM

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| Job Title: AI SOLUTIONS ENGINEER/SR. AI SOLUTIONS ENGINEER | |
| Job Code: | Job Grade: A11 – A12 |
| Minimum Qualifications | |
| <ul style="list-style-type: none"> ▪ Advanced degree in Information Security, Computer Science, Engineering, Mathematics, or related field of study plus a minimum of 5 years of relevant work experience, or ▪ Bachelor’s degree in Information Security, Computer Science, Engineering, Mathematics, or related field of study and minimum 10 years of relevant work experience required ▪ Knowledge of machine learning modeling ▪ Experience with ETL for large-scale, complex data sets ▪ Advanced programming skills | |
| Job Summary | |
| <ul style="list-style-type: none"> ▪ Provides Fund-wide services on AI, machine learning and big data analytics capabilities to understand and solve complex problems related to Fund’s business capabilities of surveillance, lending and capacity development. ▪ Develops innovative solutions for emerging business needs through creation, implementation and deployment of data driven models, methods and algorithms by using machine learning tools and techniques ▪ Contributes to the development of sample applications, tutorials, presentations and training material on the use of large-scale structured and unstructured data. Advices on data driven scientific methods, processes, algorithms and systems. | |
| Major Duties and Responsibilities | |
| 1. | Collaborates with economist, financial sector specialists and data scientists to deliver AI models and solutions |
| 2. | Designs and implements of efficient, adaptable, scalable, and reliable pipelines and algorithms to process unstructured and structured data |
| 3. | Implements new statistical or other mathematical methodologies as needed for specific models or analysis |
| 4. | Researches and analyzes complex data sets, combines different sources and types of data to develop machine learning based models making value out of data |
| 5. | Uses AI to empower business with novel capabilities such as automating processes by utilizing machine learning |
| 6. | Develops minimum viable products based on machine learning |
| 7. | Assists to end-to-end Proof of Concept process |
| 8. | Prototypes solutions and conducts experiments highlighting results and lessons learned |
| 9. | Helps the users evaluate the AI solution from a technical perspective |
| 10. | Leverages industry knowledge and stays close to latest technology trends |
| 11. | Contributes to the development of sample applications, tutorials, presentations and training material for big data and machine learning technologies |
| 12. | Other responsibilities required to deliver AI solutions. |

12) Platform Architect, A13-A14 ITDEA

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| Job Title: PLATFORM ARCHITECT | |
| Job Code: | Job Grade: A13-A14 |
| Minimum Qualifications | |
| <ul style="list-style-type: none"> ▪ Bachelor's degree in Computer Science, Engineering, or relevant field; Master's degree preferred ▪ Previous work experience in technical architecture or related field ▪ 7-10 years relevant work experience | |
| Job Summary | |
| <ul style="list-style-type: none"> ▪ Responsible for architecting and designing platforms that support business needs. ▪ Responsible for the creation of platform roadmaps, standards, and future state architectures. ▪ Provides platform architecture advice to project teams implementing IT solutions. ▪ Looks into current industry trends from platform perspective. ▪ Act as an internal consultant on technologies and vendor offerings associated with the platform ▪ Keep up to date with industry trends related to the platform | |
| Major Duties and Responsibilities | |
| 1. | Lead efforts to develop and maintain the architectural assets for the platform and ensure it meets functional and technical requirements. |
| 2. | Develop platform roadmaps, standards, and future state architectures aligned to business and IT goals. |
| 3. | Develop and evolve platform technology strategy aligned to business objectives. |
| 4. | Coach development teams to ensure solution designs align with the underlying platform architecture. |
| 5. | Articulate the value of technology approaches to stakeholders. |
| 6. | Lead the integration design within the scope of platform family and collaborate with the Integration and products team for optimal execution. |
| 7. | Designs pilots, prototypes or proof of concepts, and collaborate with project teams to support execution and evaluation of such initiatives. |
| 8. | Provides platform architecture advice to project teams implementing IT solutions. |
| 9. | Collaborates closely with product and delivery development teams. |
| 10. | Partner with product, delivery, and architecture teams to help drive architecture alignment in support of business goals. |
| 11. | Work closely with and information security teams to ensure platform architecture is in alignment with information security standards and policies. |
| 12. | Understands technology trends and the practical application of existing, new, and emerging technologies to enable business needs. |
| 13. | Collaborate with enterprise, solution, domain, information, security and integration architects to produce optimal designs for assigned platforms and related solutions. |
| 14. | Ensure compliance of platform design to defined enterprise architecture standards. |
| 15. | Monitors the current state of platform technology to identify deficiencies or misalignment with business requirements. |
| 16. | Provide architecture advice to support the evaluation and selection of technology products and associated implementations. |
| 17. | Documents platform architecture designs and analysis work. |

13) Service Delivery Lead, A13-A14 ITDEP

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| Job Title: SERVICE DELIVERY LEAD: IT Enablement Platforms | |
| Job Code: | Job Grade: A13 – A14 |
| Minimum Qualifications | |
| <ul style="list-style-type: none"> ▪ Bachelor or Master degree in Business Studies, Computer Science, IT, or equivalent relevant work experience in IT ▪ 14 years of relevant work experience ▪ 5+ years managing technical teams ▪ Demonstrated technical domain experience in ITIL-based Service Management ▪ Technical expertise in the following domains or equivalent to: Microsoft O365 platforms, collaboration platforms, QA/Test/Automation platforms, service management platforms. | |
| Job Summary | |
| <ul style="list-style-type: none"> ▪ The Service Delivery Lead for IT Enablement Platform is responsible for the optimum performance of critical platforms that are leveraged across the IT organization. ▪ Ensures that value is achieved as anticipated from any outsourced relationships under management. In particular, ensures that the overall services are delivered as expressed in the contract Statement of Work and related exhibits, that the service levels for outsourced services/functions are maintained and continually improved, and that any problems with the day-to-day delivery of services provided by the Supplier are minimized. ▪ Liaises closely with process owners and managers, IT teams, architects and other stakeholders to ensure compliance with ITD strategy, security policies and standards for the entire lifecycle of the services delivered. ▪ Establishes the roadmap for the enablement platforms to match the roadmaps of IT products and platforms that rely on those platforms. ▪ Educates IT architects, product and platform owners on the capabilities of the enablement platforms in order to standardize service delivery and maximize return on investment. | |
| Skills and Experience | |
| <ul style="list-style-type: none"> ▪ Technical leadership and vision in the domains that make up the IT Enablement Platform family. ▪ Demonstrated experience managing managed service providers, including negotiation and enhancement of metrics and SLAs used to maximize value delivered. ▪ Ability to collaborate with IT colleagues to prioritize work, develop roadmaps, enhance services, and contribute meaningfully to the department's service delivery. ▪ Ability to manage a broad portfolio of platforms and services; ability to balance multiple priorities and demands. | |
| Major Duties and Responsibilities | |
| No. | |
| 1. | Accountable for all aspects of service delivery for the platforms within the defined scope of responsibility: Microsoft O365 platforms, collaboration platforms, QA/Test and automation platforms, and service management platforms. |
| 2. | Leads and directs operations teams comprising staff, vendors and MSP personnel ensuring delivery of key services. |
| 3. | Works with Product and Platform owners to facilitate prioritization of work in alignment with the business and supplier response to demand. |
| 4. | Coordinates services, projects, and plans to ensure priorities are addressed appropriately. |
| 5. | Ensures the appropriate implementation of Transition and Transformation initiatives. |
| 6. | Works closely with the vendor management office (VMO) to ensure service delivery from the supplier meets agreed performance standards, driving value and performance. |
| 7. | Coordinates root-cause and trend analyses to identify areas of improvement in integrated, Cross-Delivery Service Management and service delivery. |

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| 8. | Participates in capacity and demand planning with product/platform leadership, supplier and Service Managers – Acts as primary liaison contact person for client and supplier regarding service delivery requirements, issues, changes and performance. |
| 9. | Reviews and authorizes work orders/requests for platform services |
| 10. | As operational problems occur, reviews recovery and permanent fix plans. |
| 11. | Reviews and monitors service delivery and management problems, process issues, and escalation procedures. |
| 12. | Establishes operational metrics, conducts regular service reviews; manages and audits Supplier performance and productivity relative to Service Level Agreements. |
| 13. | Works with Enterprise and Domain architects to set strategic direction for platform development, technology selection and induction. |
| 14. | Ensures platform security standards are maintained and implements programs to avoid technical obsolescence. |
| 15. | Provides technical expertise across multiple platform areas. Identifies and defines new technologies for business units, recommending short-term alternatives where appropriate. Participates in analysis of cost, benefit and risk. Oversees the implementation of solution prototypes or proof of concept projects for emerging information and technology products and services. |
| 16. | Oversees integration solutions including major enhancements, interfaces, functions and features. Reviews and approves the integration of third party and internally developed components to achieve inter- operability |

14) Integration Platform Family Owner, A13-A14 TDEPDW

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| Job Title: Integration Platform Family Owner | |
| Job Code: | Job Grade: A13 – A14 |
| Minimum Qualifications | |
| <ul style="list-style-type: none"> ▪ Bachelor degree in computer science, IT, or equivalent , Master’s degree preferred ▪ 14 years of relevant work experience ▪ 5+ years managing technical teams (preferably in the integration architecture, design, and middleware platform) ▪ Demonstrated technical domain expertise and experience of current and future integration and API landscape, technologies and processes, especially with regards to connectivity and micro services architecture ▪ Experience planning, designing, and implementing enterprise integrations in a multi cloud environment. | |
| Job Summary | |
| <ul style="list-style-type: none"> ▪ Ability to take initiative to lead the effort for optimal platform operations and governance model and overseeing the implementation and rollout of the platform operating model including complex system interactions, security, scalability, resiliency, run-time and development deployments. ▪ Liaises closely with product/process owners and managers, IT teams, architects and other stakeholders to ensure compliance with IT strategy, security policies and standards for the entire lifecycle of the services delivered. ▪ Provides technical guidance across multiple platform areas, participating in review of cost, benefit and risk of solutions, and supervising the implementation of solution prototypes or proof of concept projects for emerging information and technology products and services. ▪ Supports the building of foundational assets: API roadmap, foundational set of reusable assets, best practices and onboarding guides. ▪ Oversees integration solutions including major enhancements, interfaces, functions and features, reviewing and approving the integration of third party and internally developed components to achieve inter-operability. ▪ Oversees the API management effort including enforcing API usage policies, controlling access, monitoring usage and performance. | |
| Major Duties and Responsibilities | |
| 1. | Orchestrates all aspects of service delivery for the integration platforms within the defined scope of the role. |
| 2. | Manages operations teams comprising of staff, vendors and MSP personnel ensuring delivery of key services. |
| 3. | Works with Product and Platform owners to facilitate prioritization of work in alignment with the IT and business response to demand. |
| 4. | Assists the business in establishing the appropriate expectations relative to their integration requirements, defining vision, operations and critical success factors. |
| 5. | Aids in business innovation and strategic roadmap development, collaboratively developing the business innovation roadmap based on the organization’s performance levels, resource allocations, platform configuration, industry direction, challenges and business strategies. |
| 6. | Creates and maintains data integration and connector pipelines, proactively manages and monitors data integration/orchestration flows, and scheduled tasks, creates and maintains templates and best practice integration and connector examples that will be re-used by users of the data platform and maintains APIs for sharing datasets. |
| 7. | Collaborates with industry vendors, consultants and partners to understand integration technology trends, identifying new technology developments, and the implications for the organization. |
| 8. | Provides thought leadership and guidance in architecting, designing, implementing and deploying Integration solutions. |
| 9. | Collaborates and provides guidance to the Integration Architect, system engineer and other team members in developing project plans by providing tasks and estimates. Collaborates with leads in creating high-quality deliverables in a timely basis. Applies a strong aptitude for iterative functionality-driven software development, preferably Agile software principles. |

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| 10. | Provides technical expertise across multiple platform areas. Identifies and defines new technologies for business units, recommending short-term alternatives where appropriate. |
| 11. | Participates in all stages of the development lifecycle to create automated integrations – from requirements gathering, design, implementation, testing to production deployment. |
| 12. | Works closely with the vendor management office to ensure service delivery from the supplier meets agreed performance standards, driving value and performance. |
| 13. | Ensures platform security standards are maintained and implements programs to avoid technical obsolescence. |
| 14. | Oversees integration solutions including major enhancements, interfaces, functions and features. Reviews and approves the integration of third party and internally developed components to achieve inter- operability |

15) Quality Assurance Specialist, G11-G12 ITDAI FC

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| Job Title: QUALITY ASSURANCE SPECIALIST | |
| Job Code: | Job Grade: G11 – G12 |
| Minimum Qualifications | |
| <ul style="list-style-type: none"> ▪ Bachelor's degree in Computer Science, System Analysis or a related study required ▪ Advanced degree in computer science or a related field preferred ▪ 10+ years of progressive information / financial systems software and software management experience ▪ PMP, Six Sigma Green Belt and ITIL v.3 or v.4 certifications preferred | |
| Job Summary | |
| <ul style="list-style-type: none"> ▪ Provides guidance and mentorship in Quality Assurance (QA) practices as a member of the QA & Testing Center of Excellence (CoE) ▪ Provides Quality Assurance services to a product family team as an embedded team member with knowledge of the work being done in the product team, the requirements, use cases, etc. ▪ Validates the deliverables and the related processes to ensure a high-quality solution that meets the objectives and goals of the product/project | |
| Major Duties and Responsibilities | |
| 1. | Collaborates with product team members to create a Quality Plan for each product/project. Recommends updates to the Quality Plan to ensure the desired outcomes. |
| 2. | Responsible for the development of and adherence to quality assurance standards, guidelines and processes that are leveraged throughout the organization to generate IT solutions of the highest quality. |
| 3. | Coordinates with Business Analysts, Systems Engineers and other stakeholders to define acceptance criteria to be followed for each release of the product/project. |
| 4. | Participates in solutions and technical meetings and provide inputs to the requirements and design to ensure compliance with acceptance criteria and quality standards. |
| 5. | Designs test plans based on acceptance criteria, keeps the test plans and cases updated to changing requirements, and executes the test plans in order to deliver the expected solution. |
| 6. | Develops and implements QA problem reporting and defect reduction programs and ensures that recorded compliance issues are resolved and corrected. |
| 7. | Reviews and analyzes the Quality Control processes and procedures on a regular basis to identify any variances between documented requirements and the final products or services. |
| 8. | Documents and records all reviews and audits performed, analyzes deficiencies and provides recommendations to the project manager on a regular basis and on-demand. |
| 9. | Supports production deployment of products and ensures that validation tests are performed, especially during the off-hour maintenance window. |
| 10. | Assists various stakeholders in the process of improving production processes, QC processes, or any other aspects of the resources/solutions that need improvement. |
| 11. | Researches, recommends and introduces tools and test methodologies as needed with the goal of improving testing standards and increasing automation. |
| 12. | Encourages adoption of automated testing strategies and toolsets into overall development processes that support and continuously enhances the current Quality Assurance processes. |
| 13. | Uses appropriate measures and KPIs to validate and report on software quality. |
| 14. | Works closely with the software engineering team, product management and technical operations as well as business users and senior management, as required. |
| 15. | Coaches and/or mentors QA team members as well as managing outcomes from QA/Testing Service Providers. |
| 16. | Partners across various teams to help the quality and testing transformation. |

16) Release Specialist, G11-G12 ITDAI FC

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| Job Title: RELEASE SPECIALIST | |
| Job Code: | Job Grade: G11 – G12 |
| Minimum Qualifications | |
| <ul style="list-style-type: none"> ▪ Bachelor’s degree in Computer Science, Management Information Systems, or relevant field. Master’s degree preferred ▪ Minimum 10 years of IT related experience and 3+ years of software release experience | |
| Job Summary | |
| <ul style="list-style-type: none"> ▪ Analyzes roadmaps, workplans and IT schedules while coordinating with IT stakeholders to produce yearly and quarterly release plans. ▪ Responsible for planning software, firmware, and hardware releases into test and production environments for product families that are not (yet) working in DevSecOps mode. ▪ Monitors and analyzes the product pipeline and ensure the quality and integrity of releases are maintained. | |
| Major Duties and Responsibilities | |
| No. | |
| 1. | Manages the delivery of product and platforms releases in alignment with ITD workplans. |
| 2. | Produces Deployment, Run Books and Implementation Plans. |
| 3. | Manages risks and resolves issues that affect release scope, schedule and quality. |
| 4. | Develops scripts and automation tools used to build, integrate, and deploy software releases to various platforms. |
| 5. | Executes deployment operations to monitor and improve on pre-release, upgrades and current versions of product. |
| 6. | Assesses release-related risks and participate in after-action reviews that contribute to ongoing continuous process improvement initiatives. |
| 7. | Ensures predictable, consistent and successful delivery of software releases by defining success criteria upfront to promote alignment, and actively manage program outcomes. |
| 8. | Continually works toward making improvements in the agile release process. |
| 9. | Conducts release readiness reviews, milestone reviews, and business Go/No-Go reviews. |
| 10. | Works collaboratively with product teams involved in the release process to ensure compliance with defined SLAs and SROs. |
| 11. | Negotiates release dates that are acceptable to ITD and business stakeholders across product areas/platforms/geographies. |
| 12. | Oversees the product and platforms production pipeline and schedule deployments to reduce risks and minimize downtime for end-users. |
| 13. | Measures and monitors progress to ensure application releases are delivered on time and within budget, and that they meet or exceed expectations. Coordinates release content and effort based on the service request backlog, pending service requests, third party applications, or operating system updates. |
| 14. | Coordinates with internal and external deployment teams for complex multi-team production migrations and publishes deployment results to leadership team. |
| 15. | Communicates all key plans, commitments, and changes including requirements, QA plans, schedule, and scope changes. |
| 16. | Maintains a release repository and manages key information such as build and release procedures, dependencies, and notification lists. |
| 17. | Maintains release guidelines to account for changes in development cycle or technology stack including service-based deployments, continuous deployment, multi-cloud hosting, etc. |

17) Product/Platform Security Analyst, Sr. Product/Platform Security Analyst, A11-A12 ITDAI SG

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| Job Title: PRODUCT/PLATFORM SECURITY ANALYST, SR. PRODUCT/PLATFORM SECURITY ANALYST | |
| Job Code: | Job Grade: A11 – A12 |
| Minimum Qualifications | |
| <ul style="list-style-type: none"> ▪ Advanced degree in information security, computer science, engineering, mathematics, or related field of study plus a minimum of 8 years of progressive and related information security work experience in regulated industries, or ▪ Bachelor’s degree in information security, computer science, engineering, mathematics, or related field of study and minimum 12 years of progressive and related information security work experience in regulated industries. ▪ Candidate must possess at least 2 of the certifications below. Having more than 2 is a plus— CISSP, CISM, CCSP, CISA, CEH, GIAC certifications. ▪ Pragmatic security specialist with an inherent ability to balance security demands with business reality. ▪ Spoken and written communications that are compelling, convincing and reassuring, and skills to articulate complex technical ideas to non-technical stakeholders. ▪ Experience with assessment of a comprehensive and broad set of security technologies and processes, secure software development (application security), data protection, cryptography, key management, identity and access management, cloud API integration, network security, logging and monitoring within SaaS, IaaS, PaaS, and other cloud environments. ▪ Strong Risk management concepts and principals - including assessment, prioritization, delivery of treatment plans, tracking, reporting, and metrics (accreditation and certification). Experience with NIST-SP800-30, ISO/IEC 27005, OCTAVE, COSO, COBIT. ▪ At least 5 years’ experience in performing risk management services – new technology assessments, 3rd party assessments, threat modeling, security architecture reviews, application security reviews. | |
| Job Summary | |
| <p>Under the general supervision of the Chief Information Security Officer and the Product/Platform Security Lead, this role will provide information risk management and IT security expertise. The expertise will take the form of risk analysis, consultancy, policy, standards and best practice guidance, and process improvements. The role will be required to work with project teams, service providers, and business units internal and external to the Fund’s IT function.</p> | |
| Major Duties and Responsibilities | |
| 1. | Delivers information security risk assessments (Certification and Accreditation) of projects, new technologies, cloud implementations, and IT changes. Guides staff and managers on the appropriate risk mitigation strategies. |
| 2. | Effectively communicates requirements and trains staff and managers in IT divisions to identify and manage risks throughout the project lifecycle. |
| 3. | Ensures information security activities are embedded and followed throughout the project lifecycle and provides security requirements to project teams. |
| 4. | Responsible for driving down risks, identifying systemic risk and non-compliance issues and action plans. |
| 5. | Contributes to improvements in information security KPI’s and KRI’s. |
| 6. | Maintains impartiality around IT systems to produce unbiased reports on information security risk; |
| 7. | As an advocate of information security, works closely and proactively with IT project team leaders, service providers, and business units to provide security-related technical solutions. Identifies opportunities to improve business practices or IT security-related processes. |
| 8. | Analyzes, recommends and implements continuous process improvements within the context of information security. |
| 9. | Conducts quality assurance reviews of security requirements and audit recommendations for the implementation of identified solutions. |
| 10. | Works closely with IT project teams to develop implementation plans for new security-related products and services. |

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| 11. | Coordinates the preparation and presentation of user technical support and training materials to ensure the efficient, effective and secure use of information and communications technology. |
| 12. | Coordinates and supports the work of security governance. |
| 13. | Keeps abreast of international information security codes of practice such as NIST CSF, information security and privacy regulations and how these measures could affect information assets owned by, or administered on behalf of, the IMF. |

18) Product/Platform Security Lead I, Product/Platform Security Lead II, A13-A14 ITDAI SG

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| Job Title: PRODUCT/PLATFORM SECURITY LEAD I, PRODUCT/PLATFORM SECURITY LEAD II | |
| Job Code: | Job Grade: A13 – A14 |
| Minimum Qualifications | |
| <ul style="list-style-type: none"> ▪ Advanced degree in information security, computer science, engineering, mathematics, or related field of study plus a minimum of 14 years of progressive and related information security work experience in regulated industries OR ▪ Bachelor’s degree in information security, computer science, engineering, mathematics, or related field of study and minimum 18 years of progressive and related information security work experience in regulated industries. ▪ Candidate must possess at least 2 of the certifications below. Having more than 2 is a plus— CISSP, CISM, CCSP, CISA, CEH, GIAC certifications. ▪ Pragmatic security specialist with an inherent ability to balance security demands with business reality. ▪ Spoken and written communications that are compelling, convincing and reassuring, and skills to articulate complex technical ideas to non-technical stakeholders. ▪ Experience with assessment of a comprehensive and broad set of security technologies and processes, secure software development (Application Security), data protection, cryptography, key management, identity and access management, cloud API integration, network security, logging and monitoring within SaaS, IaaS, PaaS, and other cloud environments. ▪ Strong Risk management concepts and principals - including assessment, prioritization, delivery of treatment plans, tracking, reporting, and metrics (accreditation and certification). Experience with NIST-SP800-30, ISO/IEC 27005, OCTAVE, COSO, COBIT. ▪ At least 8 years’ experience in performing risk management services – new technology assessments, 3rd party assessments, threat modeling, security architecture reviews, application security reviews. | |
| Job Summary | |
| <p>Under the general supervision of the Chief Information Security Officer, this role will provide information risk management and IT security expertise. The expertise will take the form of risk analysis, consultancy, policy, standards and best practice guidance, and process improvements. The Infosec Risk Lead will be required to work with project teams, service providers, and business units internal and external to the Fund’s IT function. The candidate is expected to bring pragmatic risk management experience allowing for the Fund to meet its present and emergent business needs but in compliance to Fund's security policies and standards and within risk appetite.</p> | |
| Major Duties and Responsibilities | |
| 1. | Leads execution of information security risk assessments (Certification and Accreditation) of projects, new technologies, cloud implementations, and IT changes. Guides staff and managers on the appropriate risk mitigation strategies. |
| 2. | Oversees work of Infosec Risk Specialists. Effectively communicates requirements and trains staff and managers in IT divisions to identify and manage risks throughout the project lifecycle. |
| 3. | Documents, communicates and reports on risk events to CISO, and IT management and governance groups as required. |
| 4. | Responsible for driving down risks, identifying systemic risk and non-compliance issues and action plans. |
| 5. | Contributes to improvements in information security KPI’s and KRI’s. |
| 6. | Ensures information security activities are embedded and followed throughout the project lifecycle and provides security requirements to project teams. |
| 7. | Ensures Security architecture is implemented appropriately, and flags when changes are required to Security architecture. |
| 8. | As an advocate of information security, works closely and proactively with IT project team leaders, architects, service providers, and business units to provide security-related technical solutions. Identifies opportunities to improve business practices or IT security-related processes. |
| 9. | Analyzes, recommends and implements process improvements within the context of information security. |
| 10. | Conducts quality assurance reviews of security requirements and audit recommendations for the implementation of identified solutions. |

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| 11. | Works closely with IT project teams to develop implementation plans for new security-related products and services. |
| 12. | Coordinates the preparation and presentation of user technical support and training materials to ensure the efficient, effective and secure use of information and communications technology. |
| 13. | Keeps abreast of international information security codes of practice such as NIST CSF, information security and privacy regulations and how these measures could affect information assets owned by, or administered on behalf of, the IMF. |

19) InfoSec Domain Architect Lead I, InfoSec Domain Architect Lead II, A13-A14 ITDEA

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| Job Title: INFORMATION SECURITY ARCHITECT LEAD | |
| Job Code: | Job Grade: A13 – A14 |
| Minimum Qualifications | |
| <ul style="list-style-type: none"> ▪ Advanced degree in information security, computer science, engineering, mathematics, or related field of study plus a minimum of 8 years of progressive and related information security work experience in regulated industries, or ▪ Bachelor’s degree in information security, computer science, engineering, mathematics, or related field of study and minimum of 14 years of progressive and related information security work experience in regulated industries. ▪ At least 8 years’ experience in security architecture in practice. ▪ Core Areas of Expertise: The candidate must have strong experience in the following areas: (i) Defining, implementing and maintaining Enterprise Security Architectures at organizations, preferably in the financial, or insurance industries; (ii) Business Analysis; (iii) Information Risk Management; (iv) Secure System Development; (v) Enterprise Architecture Governance and Metrics; (vi) Enterprise security architecture training for business and IT stakeholders; (vii) Integration of security architecture standards into project management, service management, information risk, and SDLC frameworks; (viii) IT Security- in the areas of identity and access management, infrastructure, network, endpoints, applications, and database system technologies; (ix) Mobility, cloud, virtualization security architectures; and (x) Information Security Process Improvement. ▪ Knowledge Requirements: Familiarity and/or experience with (i) enterprise security architecture principles, standards and reference architectures including OWASP, BSIMM, OpenSAMM; (ii) Attack and penetration methodologies (iii) risk management and control frameworks including ISO 27003, NIST SP 800-53, COSO, and COBIT; (iv) IT GRC tools like Archer and RSAM; (v) security architecture principles and models like SABSA, Zachman, TOGAF, CAESARS; (vi) identity and access management technologies- RBAC, SSO, cloud SSO, and federation; (viii) authentication and authorization technologies- multifactor, AD, Kerberos, LDAP, fine and coarse-grained authorization, PKI, cryptographic techniques/algorithms; (viii) web services security- SAML, WS-federation, WS-security, SOA, REST, WCF; (ix) threat modeling techniques such as STRIDE; (x) advanced programming with .NET, Java/J2EE, OO Model concepts, JavaScript, HTML, DHTML, CSS, Shell scripting, C/C++, Python, PHP, Perl, XCode, AJAX, MySQL application security;(xi) application security ▪ Experience in providing Information Security guidance to multiple teams in a diverse portfolio, simultaneously. ▪ Pragmatic security specialist with an inherent ability to balance security demands with business reality. ▪ Spoken and written communications that are compelling, convincing and reassuring, and skills to articulate complex technical ideas to non-technical stakeholders. ▪ Ability to quickly grasp how new technologies work and how they might be applied to achieve business goals; ▪ Analytical skills that enable synthesis of inputs from many sources, and allow for strategic thinking and tactical implementation; ▪ Interpersonal skills that create openness and trust among colleagues; ▪ Facilitation and conflict management skills that enable effective working relationships; ▪ Excellent relationship management skills; ▪ Ability to think laterally and to have input to / propose detailed, complex solutions to technical issues; ▪ Personal drive, ownership and accountability to meet deadlines and achieve agreed-upon results; and ▪ Actively seeks knowledge needed to complete tasks and shares knowledge with others, communicating and presenting information in a clear and organized manner | |
| Job Summary | |
| <p>Under the supervision of the Chief Enterprise Architect, and Chief Information Security Officer (CISO) under matrix management. The Infosec Architect Lead manages development and deployment of Information security architecture services. Provides a holistic view of security architecture, existing gaps and plans to address these gaps. Working closely with program leadership and stakeholders, this position will support the establishment and delivery of a consistent methodology and framework that incorporates best security architecture practices. The Security Architect is expected to advice and influence business and technology decisions on the development and procurement of IT services and products. The role will represent information security during Architecture Reviews.</p> | |
| Major Duties and Responsibilities | |
| 1. | Supports the Fund’s strategic security architecture vision, including architecture standards and frameworks that are closely aligned with the Fund’s Business IT strategy. |

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| 2. | Works closely with the information risk, enterprise architecture, security technology, and operations teams to ensure business relevant and risk-based definition and application of security architecture standards. |
| 3. | Coordinates with the Fund enterprise architect to define, publish and maintain the information security elements of the Fund's enterprise architecture. These elements will guide IT development and engineering projects in achieving and ensuring confidentiality, integrity, and availability |
| 4. | Provides and maintains a holistic view of security architecture, existing gaps and plans to address these gaps. Works with the Information Security Group (ISG) and Enterprise Architecture to ensure root cause of information security risks are addressed. |
| 5. | Leads the creation and maintenance of enterprise security architecture framework and accompanying standards, directives, security design patterns and implementation guidelines |
| 6. | Review and assess designs and new tools/technologies to ensure robustness, adherence to standards and processes, delivery of stable and scalable solutions with risk mitigation baked in. |
| 7. | Supports existing projects to analyze as-is system architecture in order to define enterprise security architecture concept of operations and methodology. |
| 8. | Leverage existing threat models in order to define an extensible methodology to assess security risks at all levels within the architecture |
| 9. | Ensures compliance to the Fund's security architecture standards through continuous measurement and reporting of compliance and effectiveness metrics to IT management. |
| 10. | Contributes to the development and maintenance of the Fund's information security strategy |
| 11. | Provide security and architectural subject matter expertise to the various Operations and Development teams, advising on architectural decisions and collaborating with technical staff on cloud security technologies and focusing the mindset on security. |
| 12. | Collaborate across groups to design and integrate secure cloud architectures and methodologies across SaaS, PaaS, IaaS, serverless compute and event-driven platforms. |
| 13. | Promotes continuous awareness and training of information security principles and their application with business and IT stakeholders. Identifies and mentors' stakeholders to be champions in developing and maintaining secure architectures. |
| 14. | Work with the Information Security Group (ISG) to define standards across products and platforms. |
| 15. | Work collaboratively with Delivery and Operations Teams to integrate continuous security into automation and monitoring to enable quick builds and service uptime across environments. |

20) CD Product Family Owner, A13-A14 ITDCS

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| Job Title: CD PRODUCT FAMILY OWNER | |
| Job Code: | Job Grade: A13-A14 |
| Minimum Qualifications | |
| <ul style="list-style-type: none"> ▪ Advanced degree in information computer science, engineering, mathematics, or related field of study plus a minimum of 14 years of progressive and related information security work experience in regulated industries, or ▪ Bachelor’s degree in information computer science, engineering, mathematics, or related field of study and minimum 18 years of progressive and related information security work experience in regulated industries. ▪ The successful candidate should have proven managerial and leadership abilities, including in strategic thinking, planning, wide-stakeholder collaboration, and organization. ▪ The candidate should have 10+ years working in a product management or similar role, collaborating with IT to translate business requirements into solutions, a proven track record of success in leadership positions and strong intellectual leadership, demonstrated through the delivery of innovative results. ▪ Exceptional project management, organization and communication skills. | |
| Job Summary | |
| <p>Under the direction of the Deputy Director (Product Management), the Chief of Capacity Development (CD) and Surveillance Product Family will develop product strategies and roadmaps that support the Fund’s priorities and business objectives as it relates to CD, Surveillance, and Strategic Planning & Membership. The selected candidate will work in close collaboration with other members of the IT leadership team including Enterprise Architecture (EA), The Centers of Excellence, and the Delivery platform leads to ensure timely, high-quality products that deliver business value in an agile environment.</p> | |
| Major Duties and Responsibilities | |
| 1. | Defines vision, strategy and value-driven product roadmap for Capacity Development, Surveillance, Strategic Planning & Membership, and overall ITD strategy. |
| 2. | Applies product management discipline to full scope of accountability and to each product and platform aligned with a product family and proactively manages product life cycle. |
| 3. | Contributes to embedding digital opportunities in business strategy, including the Fund’s product and channel strategies. |
| 4. | Manages team(s) and dynamically allocates the resources along the product life cycle, mix and range. |
| 5. | Works with product team, platform teams, ITD customers, budgeting, and EA to share products and value delivery plans. Defines and prioritizes business outcomes (MVPs) required to attain the vision. |
| 6. | Provides guidance to co-create materials for use across product, product families and platforms. |
| 7. | Uses KPIs to analyze the ITD portfolio in terms of product performance at the portfolio, family, product & platform levels. |
| 8. | Works across the organization — with stakeholders, suppliers, other product managers and office of the Chief Information Officer (CIO) to ensure product (group) success globally. |
| 9. | Acts as the point of contact for the Product family and works closely with product owners to rapidly provide value to the business. |
| 10. | Understands external benchmarks and provides guidance to ITD customers on what technology can bring to contribute to their business objectives and goals; if appropriate, recommends business process changes for increase value. |
| 11. | Provides transparency and creates buy-in across all stakeholders inside and outside ITD and inside teams on the vision and all objectives along the product life cycle. |
| 12. | Leads product team(s) and assists with resource allocation to translate strategy into incremental value for ITD consumers and customers. |
| 13. | Collaborates with suppliers to deliver end-to-end value according to strategy. |
| 14. | Collaborates with innovation teams to transition business- or ITD-led technology experiments to the portfolio for productization (scaling, etc.). |