

# ITIL™ Edition 2011 Processes & Functions



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### Service Desk

**Goal:** To act as the primary point of contact for users when there is a service disruption, for service requests or for some categories of Request for Change. The Service Desk provides a point of communication to the users and a point of coordination for several IT groups and processes.

**Activity:**

- Logging all relevant incident/service request details, allocating category and priority codes
- Providing first-line investigation and diagnosis
- Routing those incidents/service requests they are able to resolve within agreed timescales
- Keeping users informed of progress
- Escalating unresolved incidents, requests and other calls
- Conducting customer/user satisfaction call-backs/surveys as agreed
- Communication with users
- Updating the CMS under the direction and approval of Configuration Management

**Input:** Incident Record, Problem Record, Known Error Data, Change Schedule, Sources of internal knowledge (especially technical or application experts), SMS, CMS, Alerts from monitoring tools, SL Targets in SLAs, OLAs, UCs.

**Output:** Customer/User Satisfaction Surveys, Service Desk Metrics, Super-user updates, training, communication with users.

### IT Operations Management

**Goal:** To provide daily operational activities needed to manage the IT Infrastructure. It has two sub-functions: IT Operations Control and Facilities Management.

**Activity:**

- IT Operations Management function responsible for the day-to-day operational activities needed to manage the IT Infrastructure. This is done according to the Performance Standards defined during Service Design. There are two sub-functions:
  - IT Operations Control: Generally staffed by operators and which ensures that routine operational tasks are carried out. IT Operations Control will also provide centralized monitoring and control activities, usually using an Operations Bridge or Network Operations Centre.
  - Facilities Management: The management of the physical IT environment, Data Centres or computer rooms. Often Technical and Application Management are co-located with IT Operations in large Data Centres.
- Backup and Restore: Monitoring tools and agents, Remote desktop tools
- HVAC, Surveillance cameras, access card readers

**Input:** Business Information: Corporate governance and business strategy policies and guidelines, security plans, Risk Analysis and responses, IT security, Service information, Risk Analysis and reports, Details of all information events and breaches, Change information, CMS

**Output:** Standard Operation Procedures (SOP), Operations Logs, Shift Schedules and Reports, Operations Schedule, IT Operations Management metrics

### Technical Management

**Goal:** To provide detailed technical skills and resources needed to support the ongoing operation of the IT Infrastructure. Technical Management also plays an important role in the design, testing, release and improvement of IT services.

**Activity:**

- Maintain: Server, Network, Storage, Database, Directory Services, Desktops, Middleware, Web
- Ensure that the knowledge required to design, test, manage and improve IT services is identified, developed and refined.
- Ensure that the actual resources to support the ITSM Lifecycle
- Ensure that resources are effectively trained and deployed to design, build, transition, operate and improve the technology required to deliver and support IT services
- Identifying the knowledge and expertise required to manage and operate the IT Infrastructure and to deliver IT services
- Documentation of the skills that exist in the organization
- Design and delivery of training for users, the Service Desk and other groups

**Input:** Authorized RFC, Service package, SLP, SDP, including service model and SAC, Service continuity plan and related business continuity plan, Service Management and operations plans and standards, Technology and procurement standards and catalogues

**Output:** Release and deployment plan, Completed RFCs for the release and deployment activities, Service notification, Updated service catalogue with the relevant information about the new or changed service, New or changed Service Management documentation

### Application Management

**Goal:** To manage applications throughout their lifecycle. The Application Management function supports and maintains operational applications and Application Development plays an important role in the design, testing and improvement of applications of IT service.

**Activity:**

- Determine whether to buy an application or build it
- Maintain and develop applications
- It is the custodian of technical knowledge and expertise related to managing applications. In this role Application Management, working together with Technical Management, ensures that the knowledge required to design, test, manage and improve IT services is identified
- It provides the actual resources to support the ITSM Lifecycle. In this role, Application Management ensures that resources are effectively trained and deployed to design, build, transition, operate and improve the technology required to deliver and support IT services
- Application Management Lifecycle: Requirements, Design, Build, Deploy, Operate, Optimize
- Identifying the knowledge and expertise
- Structuring or contracting resources

**Input:** Core competencies, Financial resources, new market or segments, technology, cost, facilities, distribution network, new market or segments, substitutes, regulators

**Output:** Measurement of agreed outputs, Process metrics, Application performance, Measurement of maintenance activity, Application Portfolio, Application Requirements