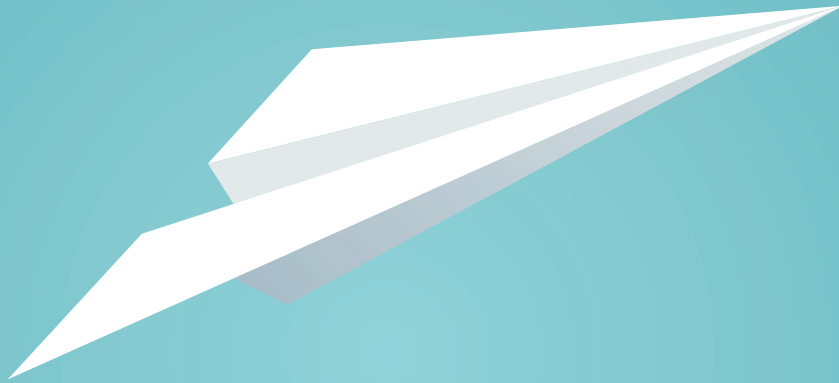




ROLTA

INSIGHTS. INNOVATION. IMPACT

IT TRANSFORMATION SOLUTIONS



Business Agility through Cloud and Big Data Transformation

Rolta IT Transformation Solutions

Challenges

Rising tide of data velocity & proliferation of IT environment has forced organizations to rethink its business strategy to retain their market presence. In a bid to outperform competition, organizations need to present cost effective quality service offerings by aligning their IT infrastructure with business requirements.

However, both the IT infrastructure landscape and business requirements keep evolving constantly leading organizations to incur additional costs while mapping business with IT infrastructure. Additionally, there is a risk of non-standardization of technology and IT policies.

In today's Landscape, data can be characterized as massive data volume that requires relationship between the speed of data creation, delivery and the integration of analytics into real-time business processes.

The key challenges that organisations face are:

- Total Cost of Ownership (TCO) reduction
- Consolidation of IT Services & alignment with business goals
- Reliable/Consistent Service
- Gain competitive edge through increased agility

- Risk mitigation to ensure business continuity
- Maximize productivity
- Real time Data and Fraud Management
- Real-time integration of analytical results

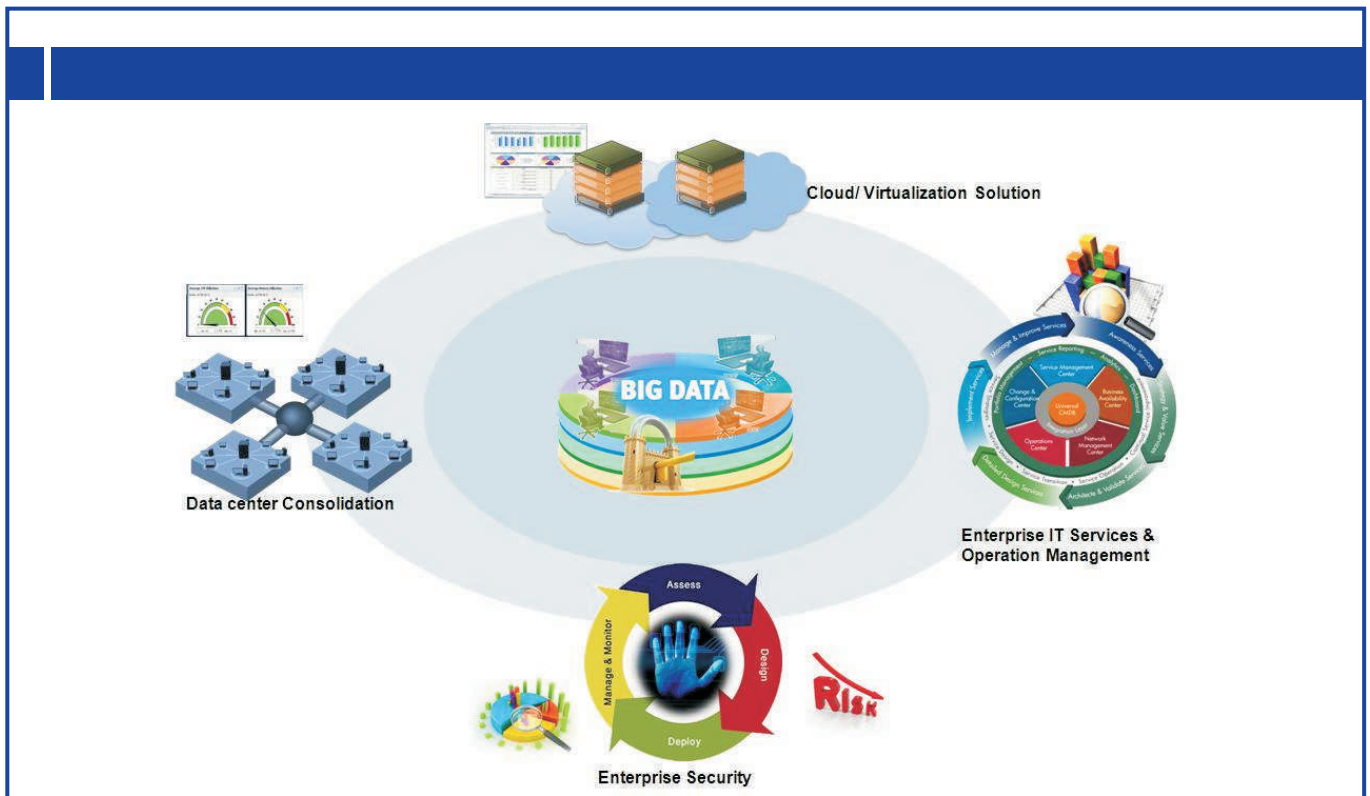
Solutions

To overcome these challenges, Rolta delivers a spectrum of services which assist organizations in building strong IT infrastructure with minimal support costs.

Rolta's customizable service portfolio can cater to the requirements of small, medium and large organizations.

These services include:

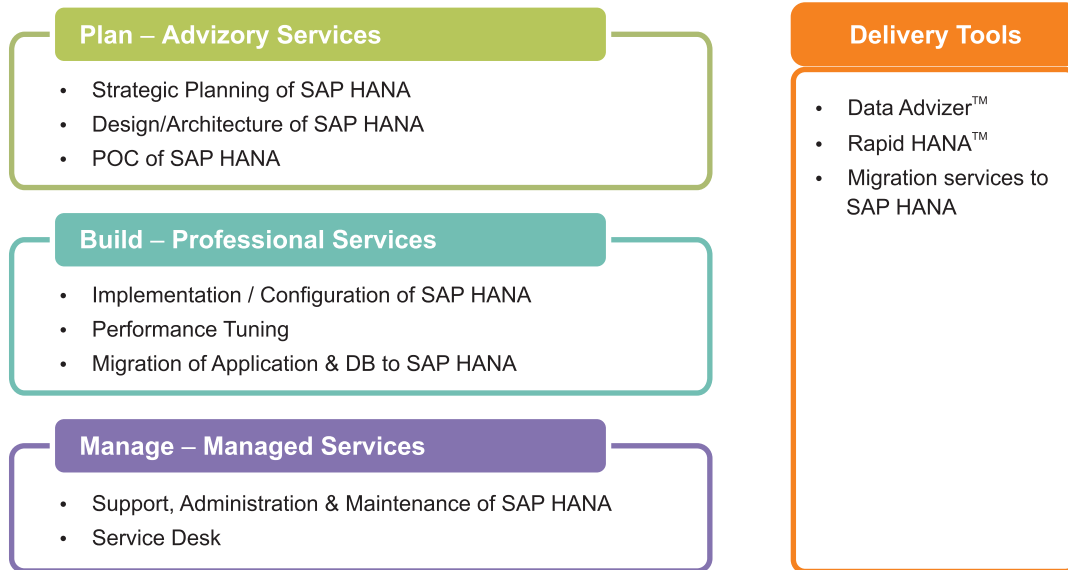
- Advisory services
- Big Data Solutions
- Cloud / Virtualization Solutions
- Data Center Consolidation
- Enterprise Security Solutions
- IT Service Management



Big Data Integrated Solutions

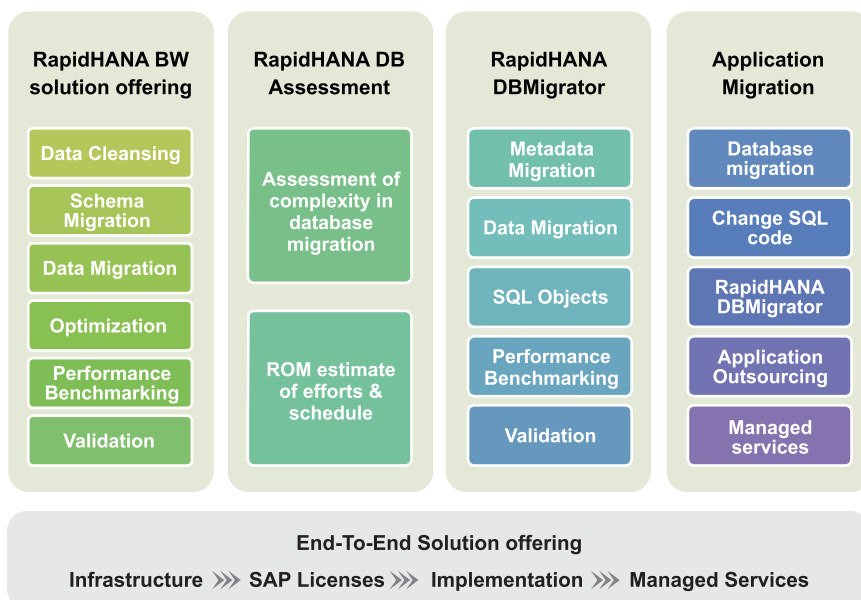
An End-to-End approach to Big Data

Our IP lead Big Data solutions span across the entire life cycle of enterprise transformation including consulting, implementation, managed services and operations. This is well complemented with our skilled workforce and global delivery model.



RapidHANA™ - The HANA Migration Accelerator

RapidHANA™ is a comprehensive solution and program developed by Rolta and targeted towards significantly accelerated migration between data, Application and Analytics platforms for organizations looking for a seamless technology consolidation to SAP HANA with minimal impact.



Big Data Labs

Rolta’s IP led approach is developed and rigorously validated in the labs before the solutions are rolled out to our clients:

- Mumbai, India
- Cleveland, US

Data Center and Cloud Transformation Solutions

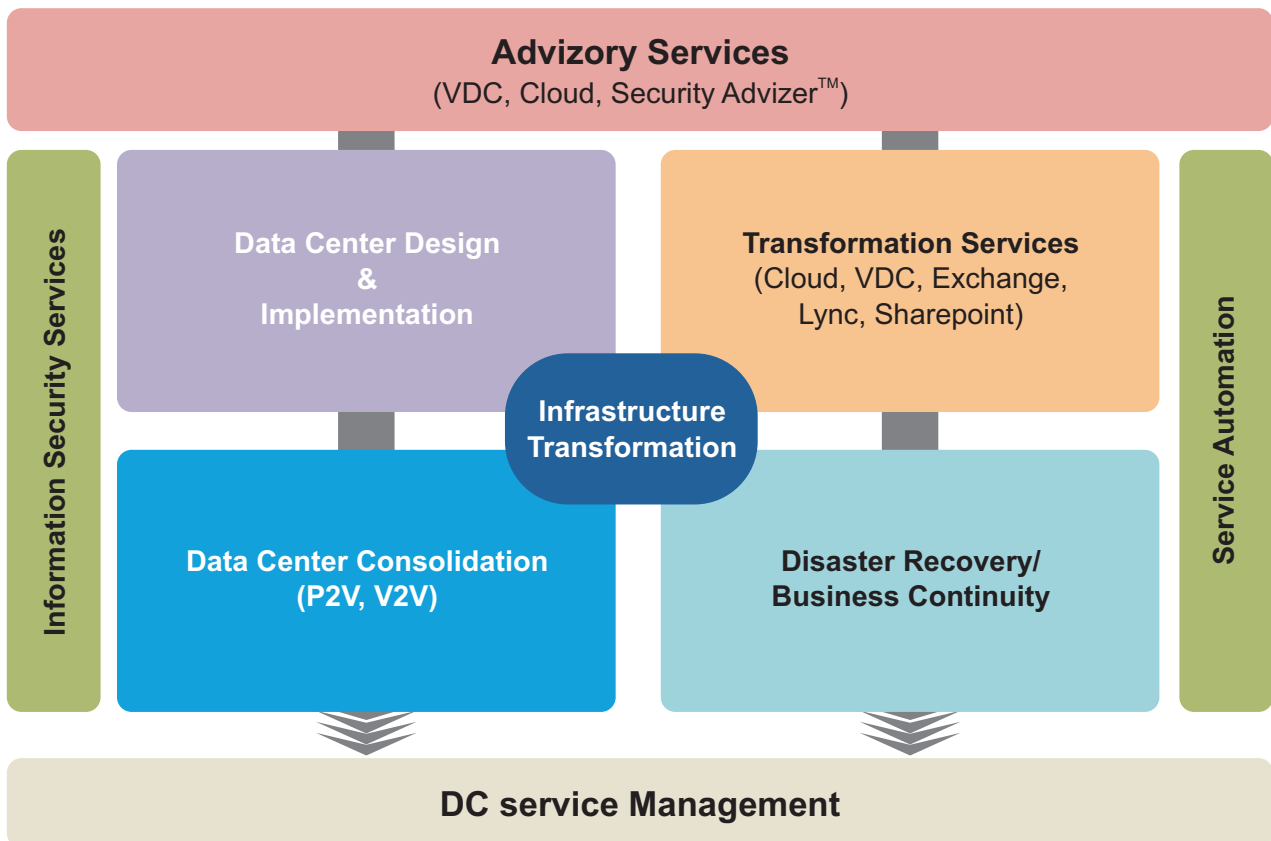
Competition and financial pressures are compelling organizations to limit their capital and operating expenditures (CAPEX and OPEX) on datacenter investments. At the same time it has also become imperative that the organizations IT infrastructure keeps pace with the growth in the industry. Rolta's Infrastructure Services can enhance your business performance and align technology with business metrics, optimize costs and help achieve long-term success.

Data Center Transformation Services

- Enabling business growth - Discovery, assessment, and implementation services that can identify the inefficiencies and enable reduced budgets to return better results
- Consolidate data centers, build new ones, or modernize existing ones
- Providing world-class data center services at competitive costs
- Right sourcing the data center
- Microsoft Services – Exchange, Lync, Sharepoint

Cloud Services

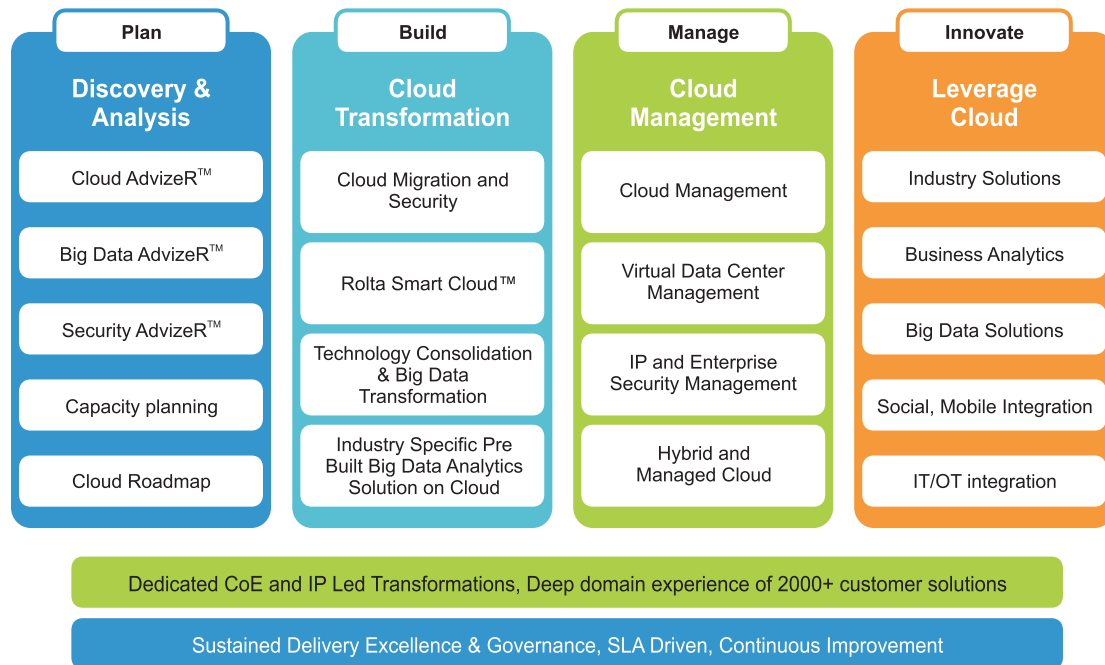
- Migration to Public/Private/Federated cloud environments
- P2V and V2V Migrations
- Workload consolidation to cloud
- Workload Automation
- Backup and Disaster Recovery
- Application Migration
- Migration of specialized applications
- Develop Custom Cloud Apps



Rolta Enterprise Cloud Transformation Solutions

An End-to-End approach

Our Cloud solutions span across the entire life cycle of enterprise transformation including consulting, implementation, managed services and business enablement.



Rolta Cloud Solutions

Rolta Cloud CoE's IP led solutions complemented with highly skilled resources and strong Global delivery model ensures success of the entire life cycle of the project.

Value Differentiators:

- Rolta AdvizoR insight
- Rolta Cloud AdvizoR
- Rolta iPerspective for security and integration
- Rolta SmartManage

Rolta's Business-in-a-Box solution transforms the cloud journey for an enterprise from being long and painful to a fast, predictable, secure and a packaged one. The solution covers all the phases of a cloud project – Plan, Build, Manage and Business.

Big Data Labs

Rolta's IP led approach is developed and validated in the below Labs before the products or services are rolled out to our clients:

- Cleveland, US
- Mumbai, India

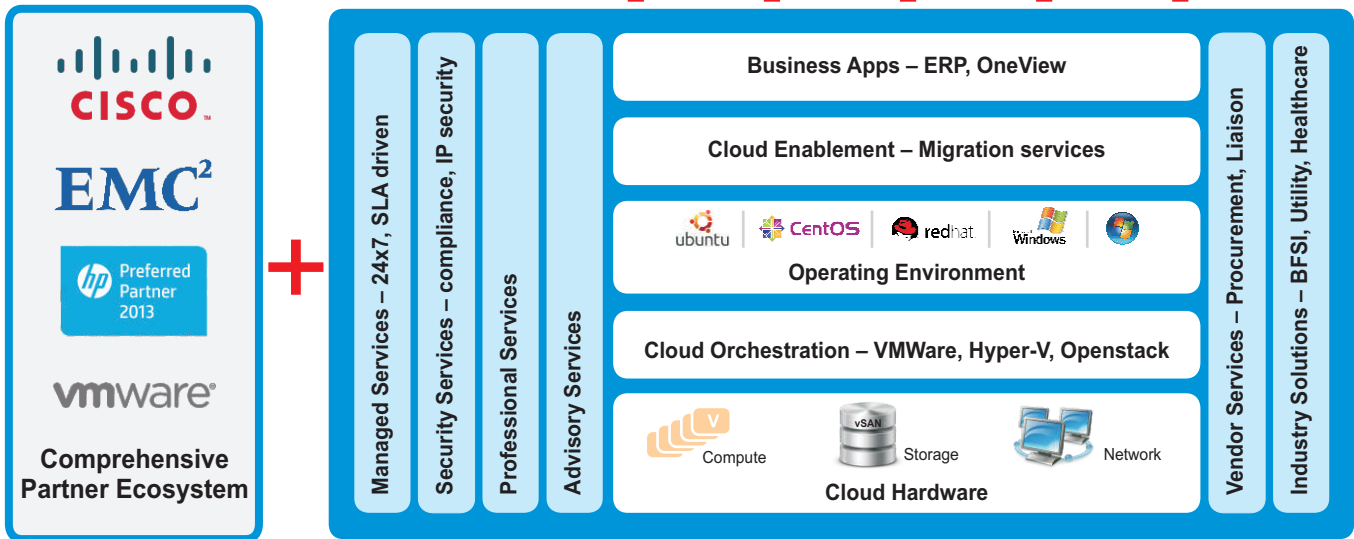


Sized to your Business requirements

- Custom
- Large (>400VMs)
- Medium (100-100 Vms)
- Small (<100VMs)



1. Choose the size to suit your requirements
2. Power on your Cloud
3. Do Business at the speed of Cloud



Do It Yourself Cloud

- Long time to market - 6 months to year
- Lot of trial & errors
- Lack of Expertise

Rolta's Business-in-a-Box Cloud

- ✓ Faster time to market : weeks to months
- ✓ Reduced risk
- ✓ End-to-End service
- ✓ Security Enhanced Solution

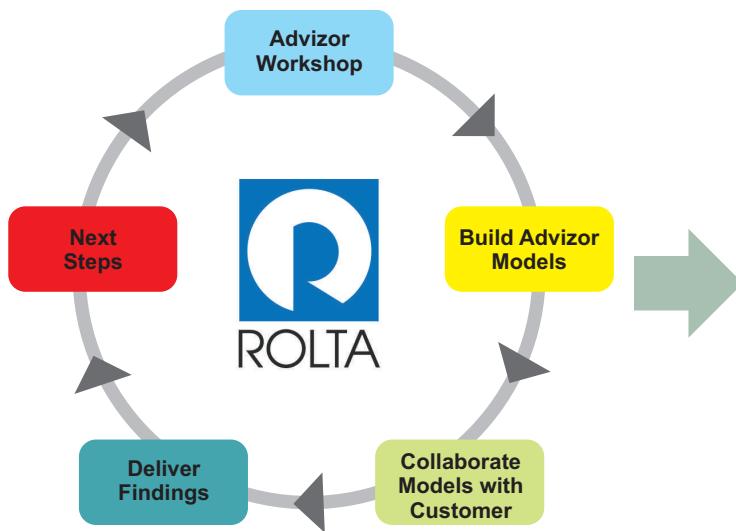
- Standardized & Integrated solution
- Certified Technology Partners
- Predictable Outcome
- Single Point of Accountability
- Delivered & Operated by Experts
- Flexible Cost Models

Rolta Cloud Advizer™ - Assesses Cloud Readiness

In the enterprise cloud the technical details matter—but so does the business. Balancing these perspectives requires experienced resources that can make cloud work with established vendors such as VMware, EMC, HP, Cisco and others. This proven technical expertise also comes with an eye to the operation and the bottom line. It all starts with a plan. Let the consultants from Rolta make cloud technology work for you.

Cloud Advizer™

- Knowledge based planning solution for strategy and transformation roadmap to Cloud
- Innovative tool to make sound investment decisions
- 600 weighted characteristics
- Over 600 man years of information solutions consulting experience



Strategic Initiative Roadmap

ID	Description	Benefit	Effort	Pre-Req	KD
1	Business processes are managed via ERP..	H	L		
2	Business processes are well documented..	H	L		
3	Different business application vendors	H	M		
4	All business applications run on COTS..	H	L		
5	Corporate is served by a BI solution using..	H	M		
6	All business reporting is done via centralised..	M	L		
7	Less than 20% of business applications are..	M	H		
8	1-3 different database vendors used acr..	H	H		
9	33% to 45% of all business applications..	M	M		
10	33% to 45% of business data management..	M	L		

Data Benchmark Model

Rolta Enterprise Security Solutions

Challenges

To remain competitive and viable in today's business world, organizations demand greater efficiency, security and regulatory compliance.

Understanding the true security need is the biggest challenge every industry is facing. Security cannot be just defined using an industry leading product and solution; it requires a combination of solutions built on top of products with the right set of processes and people.

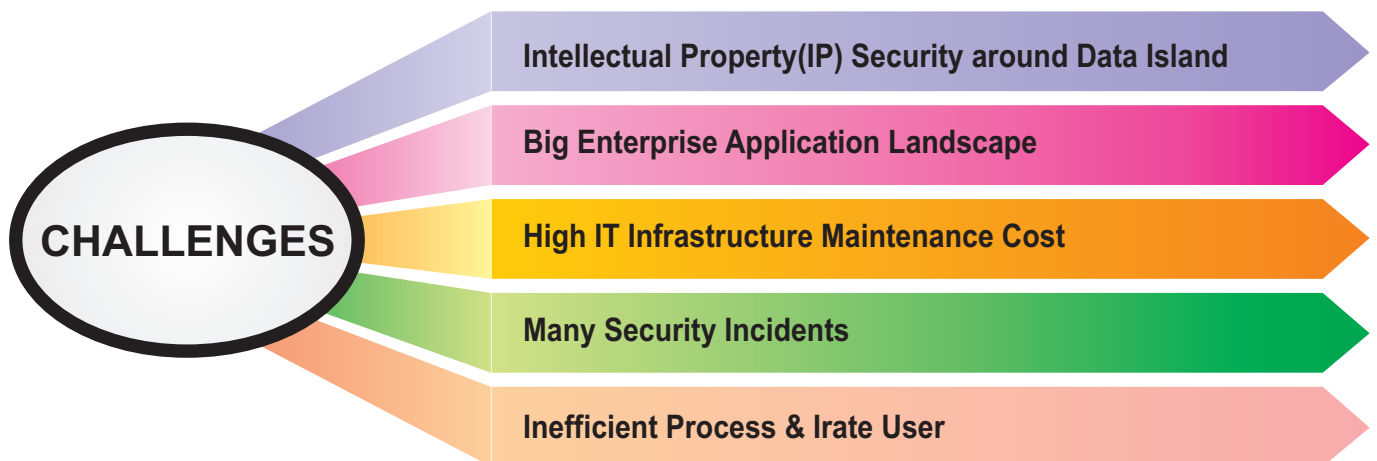
The industry is facing major challenge around growing identities & data in meshed heterogeneous network/systems, which are prone to recurring data theft & cyber-attacks.

Identification, classification of sensitive data such as Intellectual Property (IP , financial data, marketing data, Strategy presentation, customer information, and) moves horizontally across organizational boundaries. Moreover, Enterprises need to provide access to a growing number of identities, both within and outside the organization, without compromising security or exposing sensitive & confidential information.

The ongoing evolution and increased integration of physical and logical security demand both large and small companies to examine how to integrate their traditional access and identity management systems with the rest of the business and the virtual world to ensure data Crime doesn't remain undetected.

Organizations are moving toward virtual, global and dynamic environment and hence perimeters fail to protect data as it moves or repel internal threats. As a result there is a need for an effective Security Solution encompassing-Identity and Access Management (IAM), Governance, Data Loss prevention(DLP) & Security Incident & Event Management(SIEM) etc. are required.

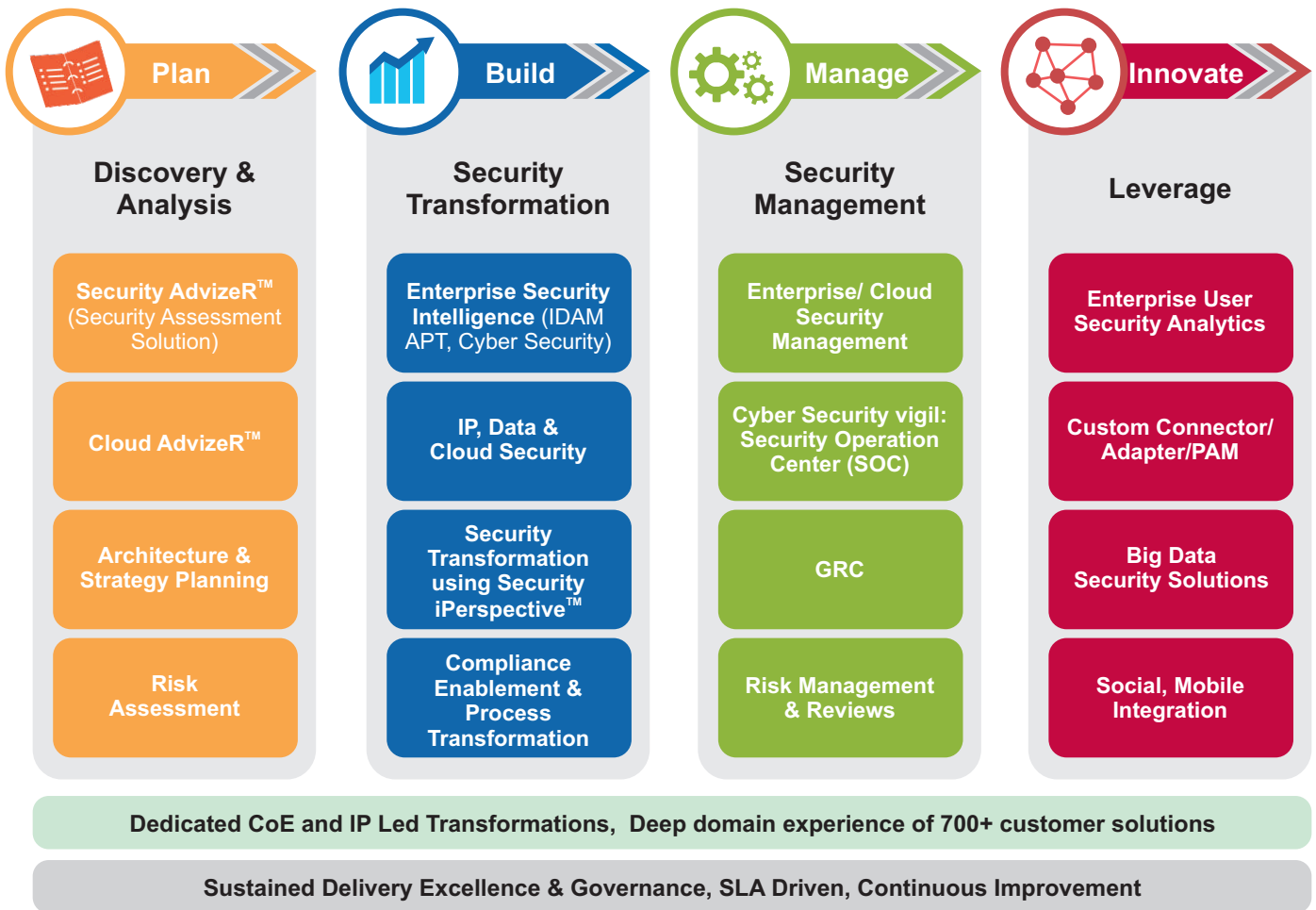
Rolta specializes in transforming security operations to complement business directions and priorities, and ensures confidentiality of IT services consistently and effectively. We provide result that dramatically improve collaboration between users, applications and technology components, generating significant value for every business by creating competitive advantage.



Rolta Enterprise Security Solutions

Rolta Enterprise Security principle of “defence in depth” means protection by multiple layers of security and controls to ensure required security outcomes

Rolta runs a thriving Enterprise Security practice globally and in the process of helping clients achieve greater operational and business efficiency. We work with the customer to reach new levels of Security control. We address the entire business process with the help of various Security solutions, providing true and unified views of all modules.



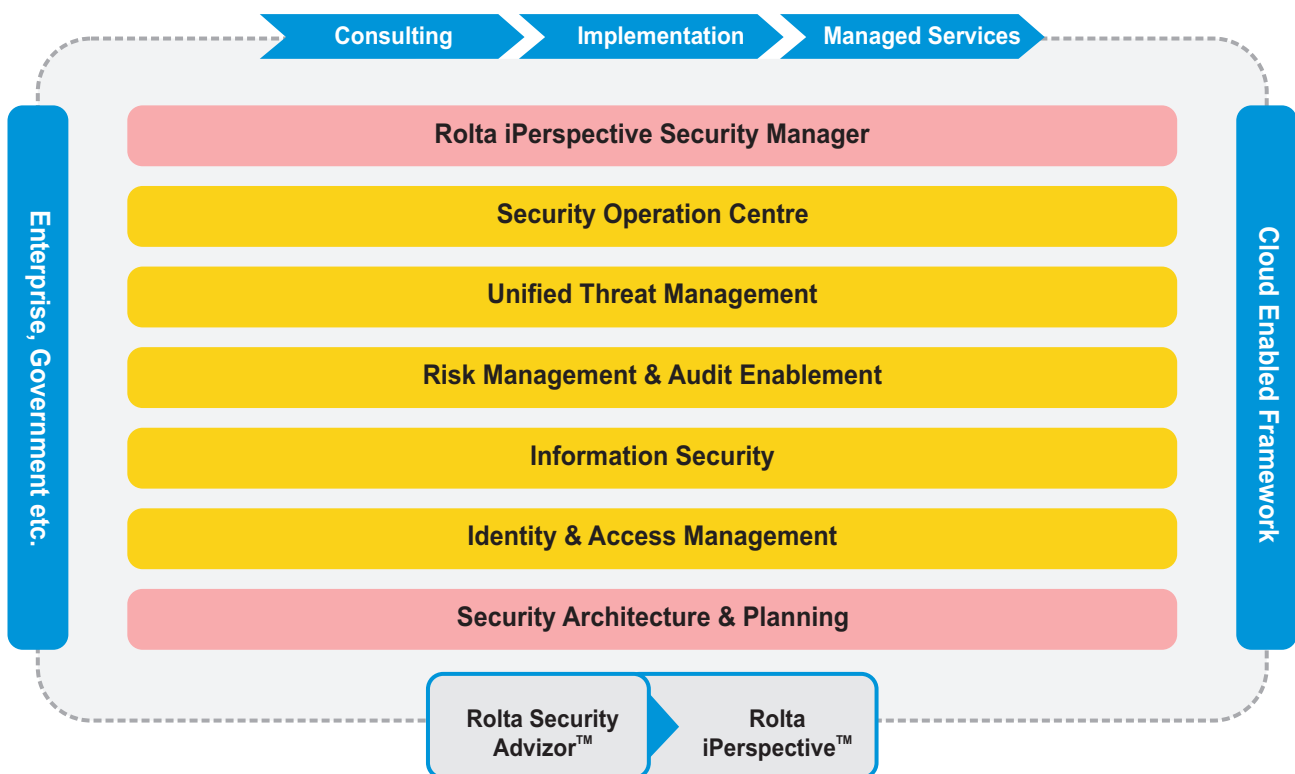
Rolta Enterprise Security Solutions

Rolta has developed a unique solution framework using combination of leading security solution along with Rolta Security Advizer™ & iPerspective Suite™ for Risk assessment /Governance framework along with Fine grained Data Security module for Enterprise User Security.

Rolta iPerspective Suite™ - An Enterprise Security Solution designed to cater Enterprise Security requirements. Rolta iPerspective Suite™ help organisations in defining dynamic data protection solution that can be implemented around the existing business processes and technologies, yet deliver an adequate level of security through a simple set of customizable management interfaces. A good indicator of a solution’s completeness is its ability to handle the most common access and identify situations arising with a heterogenous installed base and specific business requirements. Rolta iPerspective™ proves Fine Grained Access Control (FGAC) for filtering at row & column level, time-based filtering, geo-fencing for spatial data etc.

Value Proposition

- Rolta has a vast and significant experience (700+ Projects) in integrating complex project involving various technology and security component
- Knowledge based planning solution for strategy and transformation roadmap of Security
- Skilled and Professional certified Domain & Product Consultants- CISSP, CISM, ISO27001, BS7799,CEH, ITIL and CA, Oracle and SUN Product Certified
- Proven Rolta IP for Fine Grained access control
- Innovative IP Consulting tool to make ROI based investment decisions with 800+ weighted characteristics
- Over 600 man years of information solutions consulting experience
- Other Focused Advizers - Security, Virtual Data Center, Big Data, Enterprise Mobility, Application Modernization



Rolta Enterprise Security Solutions

Rolta Security Solutions

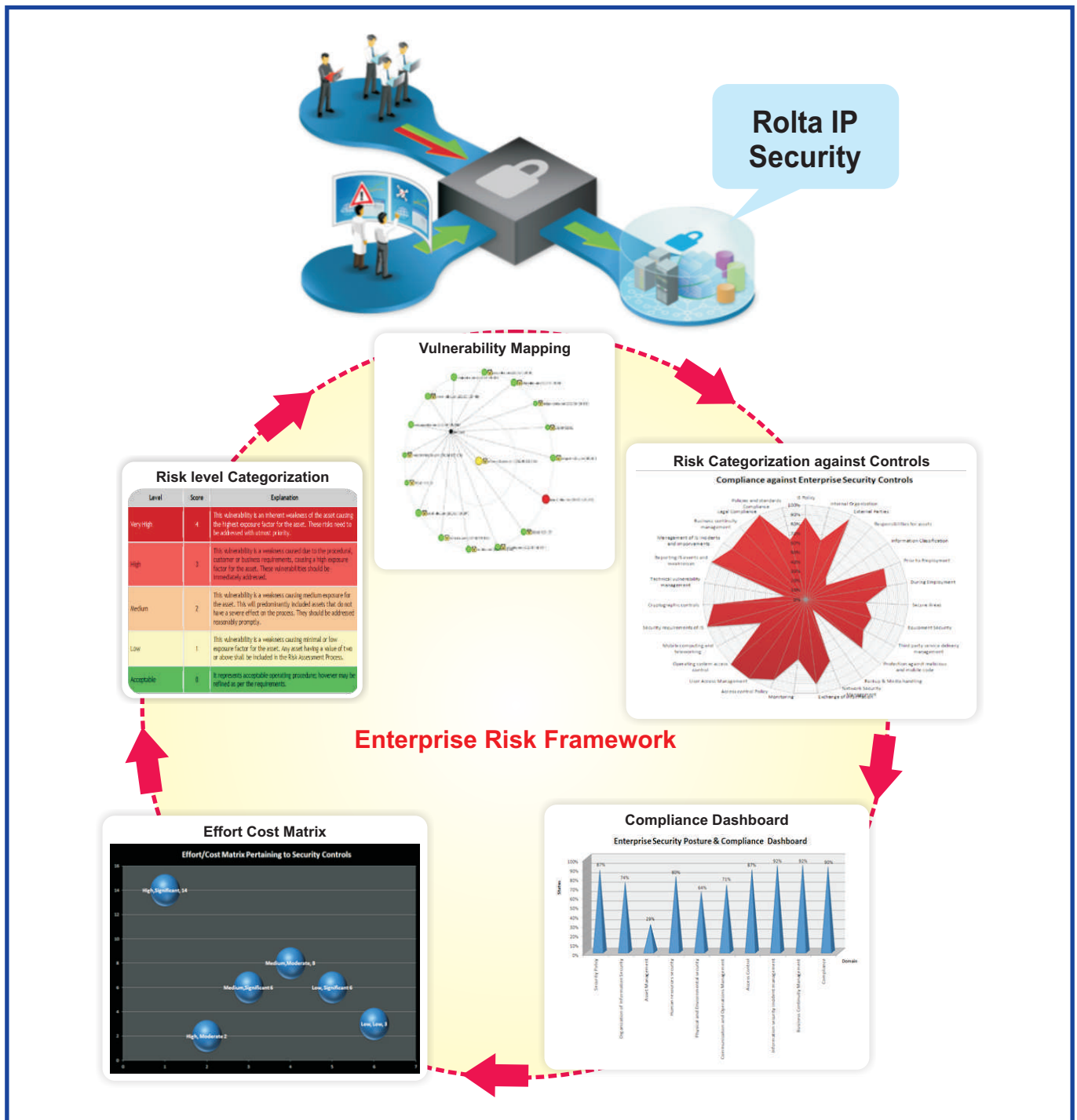
Provide comprehensive and exhaustive set of products and services portfolio to define Security Roadmap and Manage Security Operation.

To achieve 100% Secure Business

Reduce operational costs by 50%

Infuse greater scalability

Greater Customer Trust and Business Expansion



Enterprise IT Service & Operation Management

Rollta has made its way onto the agendas of both global businesses and large and medium enterprises.

Rollta's unmatched experiences in dealing with true IT values, designing dynamic systems, driving end-to-end transformation programs, mitigating risks and reducing costs helps companies master their IT environments

Challenges

- Breaking down the barriers between IT and the business & align IT Service to the need of the business
- Unknown risks and unclear responsibilities in distributed infrastructures
- Putting a price on IT services, and highlighting their value to the business
- Improve the quality and reduce long-term cost of IT service delivery
- Improve IT services through the use of proven best practice processes and guidance
- Improve productivity by use of skills and experience

Solution

To overcome these challenges, Rollta provides IT Service Management solutions which optimizes IT infrastructure efficiency, reduces overheads and lowers the total cost of IT ownership (TCO), which in turn ensures a significant return on investment (ROI) with rapid time-to-value and Improve the quality of services to consistently deliver measurable business results, including the following:

- Streamline IT support through automation of processes
- Optimize resource usage through better visibility and planning
- Measure, monitor and reduce cost of service provisioning
- Improve product, service and process stability
- Improve availability of business critical services

Business Advantages

- Accelerate business agility and speed-to-market
- Optimize IT maintenance costs
- Maximize productivity and customer retention through better services and support
- Gain a competitive edge through increased agility
- Become more responsive to the needs of the business
- Streamline IT support and drive a transformation from reactive to proactive IT

- Take new lines of business to market quicker through faster delivery of supporting IT services
- Mitigate risk and ensure business continuity

Value Proposition

Rollta has proven expertise in the area of Enterprise Service Management Solutions and has tied-up with industries leader. Rollta has consistently delivered quality of services and measurable business results to the out most satisfaction of its clients across the globe, including the following:

- Design and Architecture
- Implementation and Configuration
- Customization and Integration
- Up gradation and Migration
- Reports and Dashboards



Service Portfolio

Enterprises today know it is imperative that IT infrastructure keeps pace with the growth of the organization. Rollta's Infrastructure Services deliver effective and reliable solutions that can take your business processes to the next level. We help you enhance business performance, align technology with business metrics, optimize costs, and achieve long-term success.

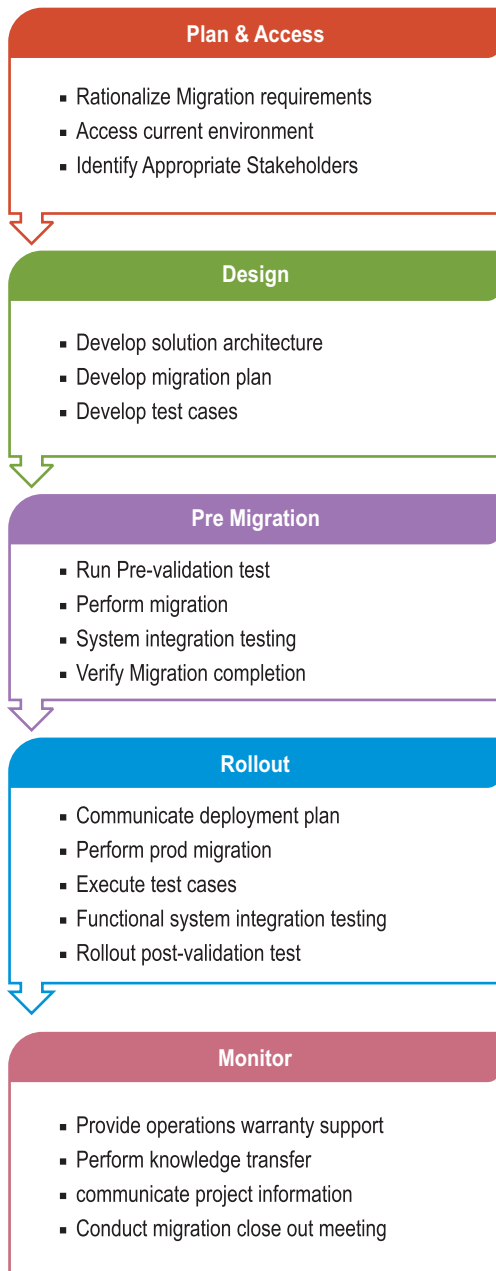


Enterprise IT Service & Operation Management - Rolta Offerings

Migration Services

Rolta, a recognized migration expert, has extensive experience in product Up-gradation and Migration for large enterprises. Rolta follows a matured and time-tested methodology for migrations, as below.

Migration Methodology



With the above approach, Rolta is able to achieve:

- 100% accuracy of huge database integrity post migration
- Address all the dependencies during migrations and integrations
- Minimize system downtime resulting in minimal impact on client’s business operations

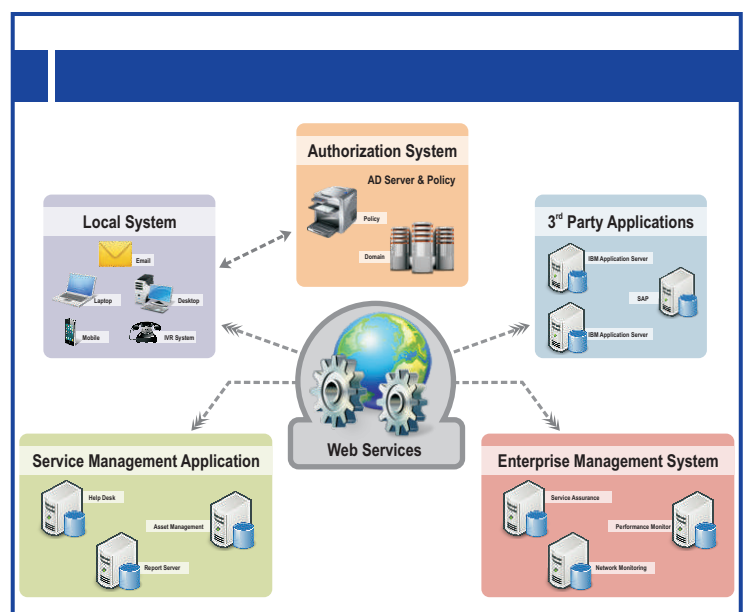
Custom Reports

Rolta, with its rich experience, has developed numerous complex reports and dashboards for IT/Business Operations as well as Management, helping clients in strategic planning.



Integration Services

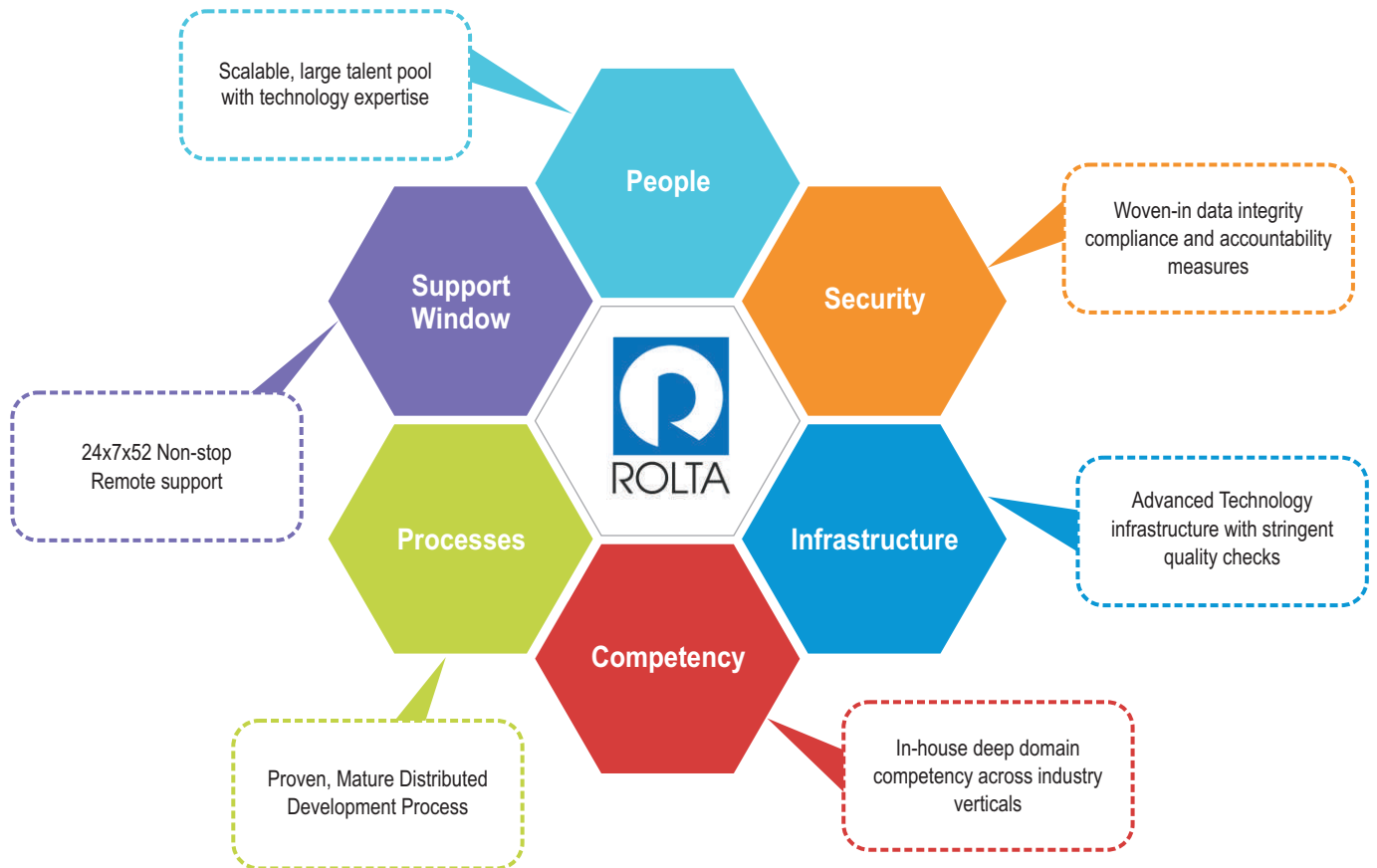
Rolta, with its deep domain knowledge, has successfully delivered ITSM solutions with third party tools integration and vice versa in heterogeneous environments.



Sustenance and Management

Rolta, in multi-year engagements, has managed and supported many clients for their ITSM setups. During the Sustenance tenure, Rolta has provided valuable feedbacks to its clients, thus enhancing system efficiencies.

- Onsite Sustenance – Offshore Management
- Recommend process fine tuning for efficient operations



Managed Converged Infrastructure services - Rolta Offerings

Managed Converged Infrastructure services

Converged infrastructure which is highly engineered and tuned for high performance system and brings together compute servers, network, storage as well as virtualization. It brings great value to the enterprises.

Converged infrastructure streamlines the IT infrastructure and provides a single pane of glass to easily take control of a data center environment. Many companies are also transitioning to higher technology stages such as cloud and IT automation to realize better ROI on their IT investments. Converged systems provide the base to implement those technologies.

Benefits of Converged Infrastructure are:

- A simpler management infrastructure
- Lower costs in the data center
- Faster provisioning
- Scalability and elasticity
- Faster IT response.
- Easier path to the private cloud
- Less siloing of IT teams



Rolta has a productized service portfolio for Oracle's converged systems. Rolta's portfolio of services in these converged systems are

- Oracle converged system suitability assessment
- Sizing & Capacity planning
- Architecture & Implementation
- End-to-End migration implementation & project management
- Oracle Advance Security Implementation
- Implementation of High availability/Scalability solutions.
- Performance optimization & re-engineering.
- Backup/Recovery & DR solutions
- Operation & Support

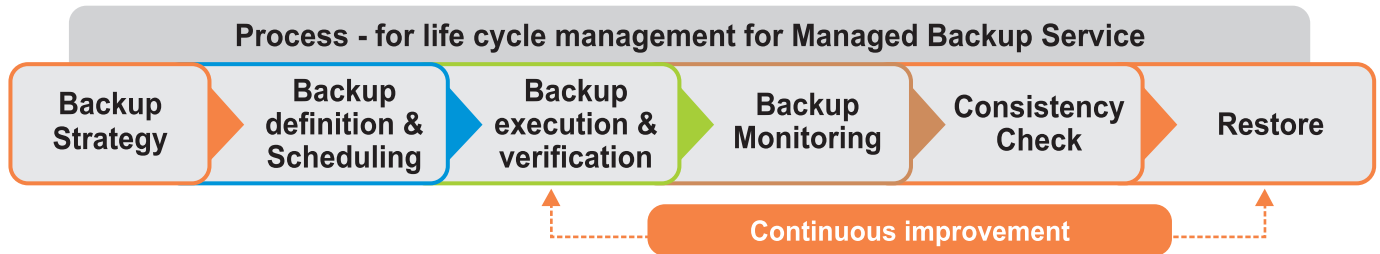
Rolta has specialized services in database technology migration (oracle & non-oracle databases) to Exdata, Oracle Advance security, performance engineering, High Availability & DR solutions.



We provide complete end to end support for converged infrastructure. This covers regular operations, infrastructure management, and technical support. This includes VCE vBlock series, converged infrastructure from VCS comprising of Cisco compute, networking, EMC storage, and VMware virtualization. We also provide services for HPCS series, converged systems from HP comprising of HP blade servers, Storage and Virtualization on VMware.

Managed Backup Services

Managing enterprise backup has become increasingly compounded due to a multitude of reasons. Shrinking backup window and strict SLA adherence in global environment, risk due to backup failures, growing compliance requirement, explosion in data growth and cost constraints mean that organizations face complex challenges in backup management services. Enterprises need a robust backup management service that enables reduction in risk exposure and adheres to stringent service levels while being a cost effective solution

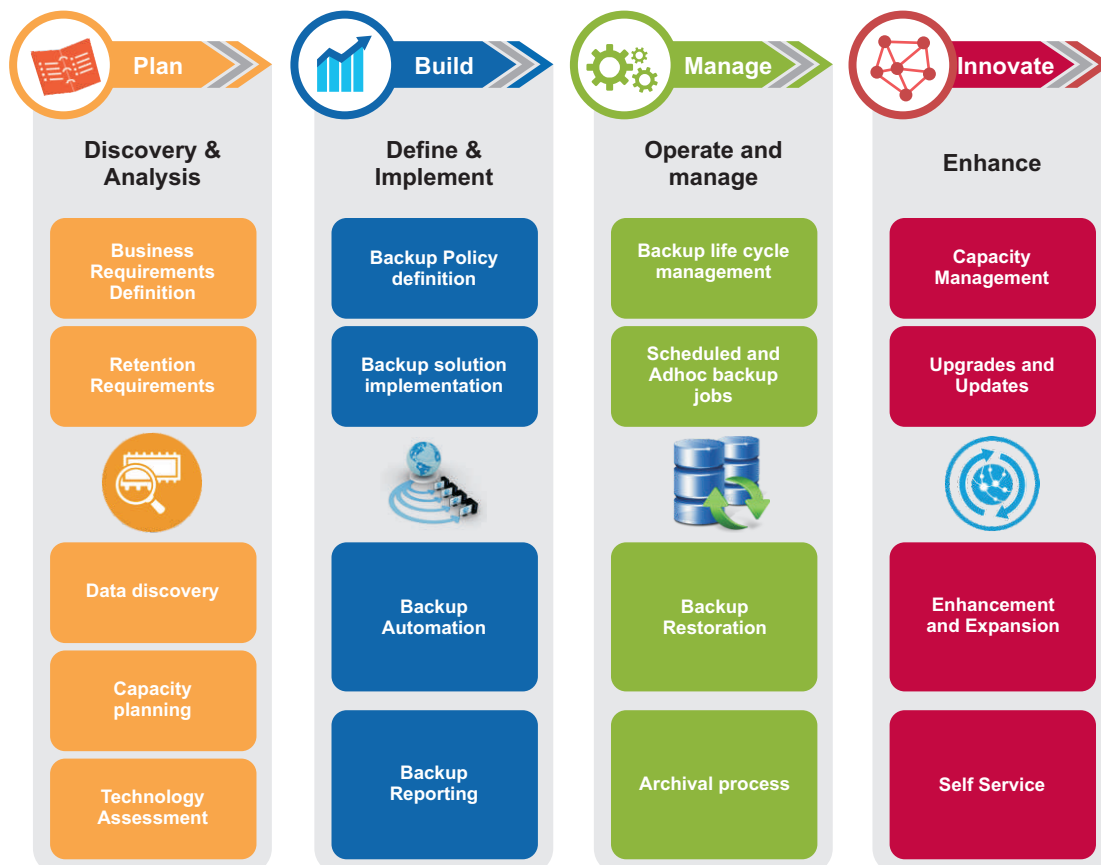


With the above approach, Rolta is able to deliver:

- Global support team of Backup and Recovery Specialists
- SLA driven monitoring, alerting, and resolution
- Proactive maintenance
- Daily, weekly and monthly reporting

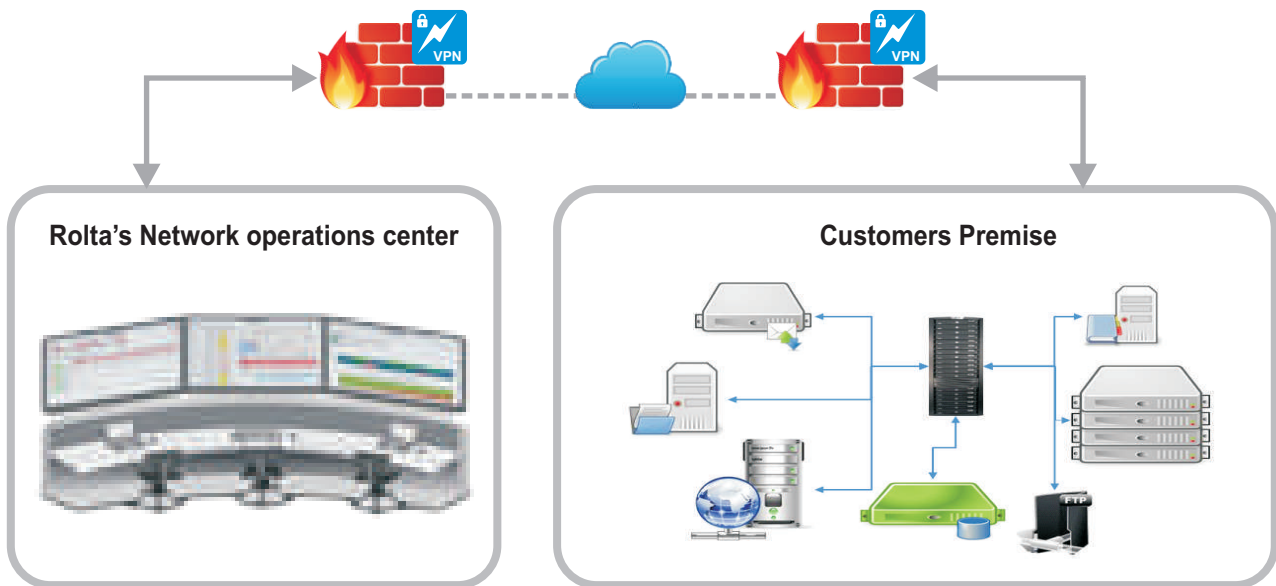
Backup ops – complete life cycle management

Backup complete lifecycle management covering discovery, analysis, business need, design, implement, operate and manage along with continuous improvement process



Secure Service delivery

Secure VPN connectivity is established with the customers infrastructure and complete backup operations are managed

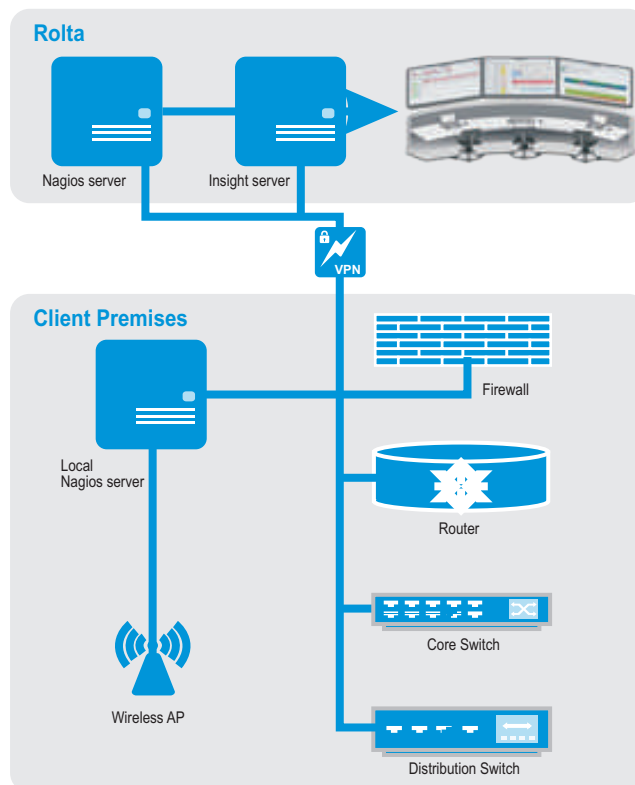


Managed Network services

Enterprise network is critical to the business operations. Rolta's Network Management Service provides network monitoring and network management expertise to keep your network running at its best, minimize network downtime, increase application performance, and meet new networking requirements.

Rolta Insight Remote Monitoring Solution

Rolta's Insight remote monitoring solution is deployed in customers environment which monitor the health of the network and send alerts and notification. Proactive monitoring is done to avoid network outage. In case of issues, the Global technical support team provides timely resolution.



Rolta Infrastructure Managed Services Portfolio

Database Services

OFFERINGS

- Oracle DBA Support
- SQL Server DBA Support
- Sybase DBA Support
- MYSQL DBA Support

ENGINEERED SYSTEMS

- Exadata
- Exalytics
- SAP HANA

SERVICES

- Monitoring & Event Management
- Incident & Problem Management
- Space Management
- Backup & Recovery
- Performance Tuning
- Capacity Planning
- DB install, Upgrade, Cloning & Patching
- Oracle RAC Design & Implementation
- Oracle Advance Security
- SAP HANA Migration Services
- Oracle Exadata Migration Services
- Database Replications Services – GoldenGate, SRS

Apps Services

OFFERINGS

- Oracle APPS DBA Support
- SAP Basis Admin & SAP Functional (L2,L3) Support
- Oracle Hyperion Admin Support
- Rolta OneView Support

SERVICES

- Application Performance and Availability Monitoring
- Incident, Problem and Log Management
- Application Installation & Configuration, Patching, Cloning, Upgrade and Roll Out Services
- Application Performance Management, Testing and Tuning
- OneView Monitoring, Patching, Upgrade, L1-L3 Support

Middleware Services

OFFERINGS

- Oracle Fusion Middleware 10g and 11g Admin Support
- Oracle OBIEE Admin Support
- Oracle WebCenter Admin Support

SERVICES

- Middleware Admin, Monitoring & Event Management
- Incident, Problem and Log Management
- Installation & Configuration, Patching, Cloning, Upgrade and Migration Services
- Performance Testing and Tuning
- Reports Migration and Services
- Oracle WebCenter Content and Web App Management

SharePoint Services

OFFERINGS

- MS Sharepoint Administration and Content Management Services
- MS Office 365 Admin and Management

SERVICES

- SharePoint Farms Admin and Monitoring, Policy Admin, Log & Event Management
- Real time monitoring of KPIs for SharePoint and Entire Stack and Topology
- Installation & Configuration Deployment, Patching, Cloning, Upgrade, Migration and Roll Out Services
- Web App and Website monitoring and Support
- Information Architecture, User Experience and Design Services
- Reports Migration and Services
- Backup and Recovery Services

24x7x365 Proactive Monitoring & Management, L1/L2/L3 Support

Best Practices, Proven Processes & Tools, Certified Professionals & Global Talent Pool

Sustained Delivery Excellence & Governance, SLA Driven, Continuous Improvement

Rolta Infrastructure Managed Services Portfolio

Datacenter Operations

OFFERINGS

- Network Administration
- Servers and VM Administration
- OS Administration and Lifecycle Management - Windows, Linux, Unix.
- MS Exchange Messaging & Active Directory Monitoring & Management
- Service Management Automation

SERVICES

- Advisory Services
- Backup and DR services
- NOC support
- Admin - Monitoring & Event Management
- Incident /Problem Management
- Performance Testing and Tuning, Capacity Planning
- Install, Upgrade, Cloning, Patching and Roll out
- ITIL Processes Implementation & Management

End User Services

OFFERINGS

- Service Desk Management - HP and CA
- Remote Desktop Management

SERVICES

- Service Desk Management
- Service Desk Automation
- ITIL Processes Implementation & Management
- Incident & Problem Management
- Desktop Install, Config, Patching and Upgrade Support
- Asset Inventory Management
- Desktop Data and Security Protection Support
- Backup and Recovery Services

Enterprise Security Solutions

OFFERINGS

- Data Loss Prevention /Data leakage protection (Symantec)
- Security Risk Assessment
- Network Security
- Vulnerability Assessment /Penetration Testing (VAPT)
- Security Incident and Event management (SIEM -HP)
- Enterprise Security - Identity and Access management, iPerspective
- Certified Security and Audit Professionals

SERVICES

- Advisory Services

Cloud Transformation Services

TRANSFORMATIONAL SERVICES TECHNOLOGY

- Server Rationalization & Consolidation (P2V, Virtual Datacenter Setup)
- Cloud Transformation and Enablement for Private & Hybrid Clouds.
- Business Continuity Planning and Disaster Recovery Architecture and Design, Implementation Services.

SERVICES

- Advisory Services
- Infrastructure Assessment and Gap Report
- Server, Storage and Network Consolidation
- Physical to Virtual Migration
- Cloud System Integration
- Cloud Operations, Management and Managed Services
- Managing Templates and Apps
- Health Assessment

ITIL / ISO 27001 compliant Global Delivery model, ISO 20000 certified.
Flexible delivery and pricing models

State-of-the-art Data Center, NOC and "Always On" Managed Services infrastructure at Mumbai and Delhi

20+ years of proven Onshore/Near Shore/Offshore Managed Services, Infrastructure Management and Operational Excellence Framework, Excellent CSAT and 100% customer retention

ABOUT ROLTA

Rolta is a leading provider of innovative IT solutions for many vertical segments, including Utilities, Oil & Gas, Manufacturing, Federal and State Governments, Defense, Homeland Security, Financial Services, Retail, and Healthcare. By uniquely combining its expertise in the IT, Engineering and Geospatial domains Rolta develops exceptional solutions for these segments. The Company leverages its industry-specific know-how, rich repository of field-proven intellectual property that spans photogrammetry, image processing, geospatial applications, Business Intelligence, Big Data analytics and Cloud computing for providing sophisticated enterprise-level integrated solutions. Rolta OneView™ Enterprise Suite is one such innovative Big Data Analytics solution for asset-intensive industries with field-proven benefits. It brings unique value through its IT-OT integration and Predictive Analytics capabilities using Rolta's patented technology. Rolta is a multinational organization headquartered in India with revenues exceeding US\$ 600M and over 3500 people operating from 40 locations worldwide and has successfully executed projects in over 45 countries.

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