



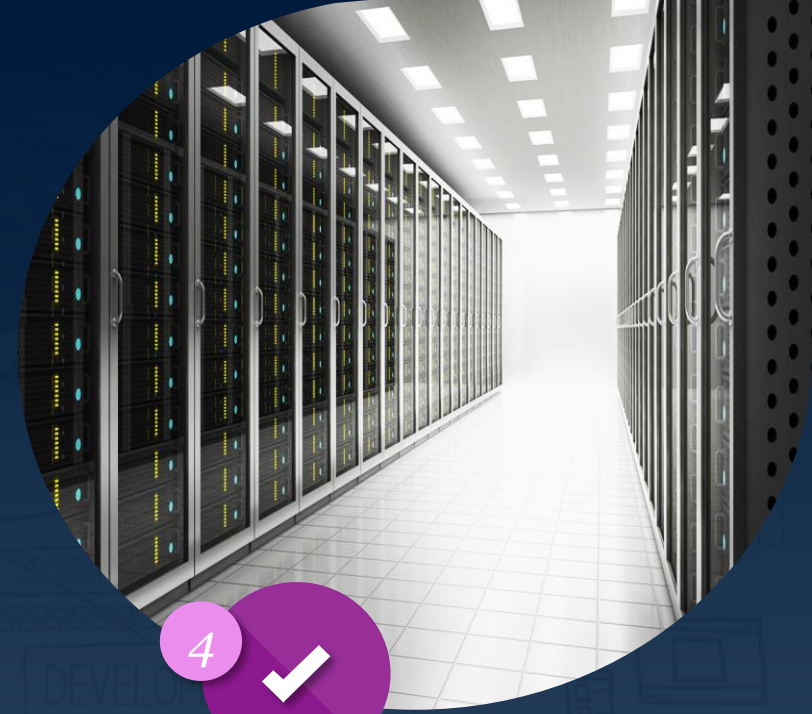
E SQUARE SYSTEM & TECHNOLOGIES PVT. LTD.



SYSTEM INTEGRATION

DATA CENTER MANAGEMENT

Equinix data center managed services offer you the flexibility of design, choice of connectivity, and maximum levels of security and compliance. Our DevOps method with unified delivery, automation, and tools address the entire data center lifespan from modelling, design, and implementation to operations, maintenance, and optimization.



Smart Data Center

Prioritize workloads and automate with Smart Data Center in-a-box solutions for multiple connected locations, technologies, and applications, across geographies.



Data Center Visualization

Prioritize workloads and automate with Smart Data Center in-a-box solutions for multiple connected locations, technologies, and applications, across geographies.



Distributed Architecture

The one of a kind multi-tier architecture ensures unlimited scalability by adjusting the system functionality between numerous servers divided into multiple layers.



Security Management

Strategy and compliance-based Data security with Firewalls, Encryption, and Intrusion prohibition, for swiftly advancing threat environments.

CAPABILITIES STATEMENT

01

Discovery (Inventory) and Analysis (Current State)

02

Collaborative Strategy Development (Future State and Multiple Alternatives/Roadmaps)

03

Transformation Planning (Future State and Roadmap)

04

Data Loss Prevention and Cybersecurity Risk Assessment

05

Execute, PMO Reporting

SMART DATA CENTER

01

Easily scale up or scale out to meet the growing demand for cloud computing and virtualization

02

Modular architecture and digital systems simplify data center operations

03

Smart management and network collaboration enhance operational efficiency

04

Triple reliability design and proactive protection ensure service continuity

- 
- ✓ Monitoring and Alerting 24x7
 - ✓ Certified data center experts
 - ✓ Dedicated Onsite Team
 - ✓ Highly secure
 - ✓ 100% carrier-neutral

DATA CENTER VISUALIZATION

01

Enhance your vision with detailed model, depth, alignment, and mounting information as well as sensor data for your devices

02

Easily visualize the impossible: side views of all your racks without the side panels

03

Use a Configuration view to see where everything is mounted in the rack

04

Test drive our solution and experience visualizations that are both functional and beautiful

- 
- ✓ Expert security monitoring & compliance
 - ✓ Analyze Sensor Readings
 - ✓ Better capacity planning
 - ✓ Automated Data Center Management
 - ✓ Lightweight B/S structure

DISTRIBUTED ARCHITECTURE

01

Core layer—Provides the high-speed packet switching backplane for all flows going in and out of the data center

02

Aggregation layer modules—Provide important functions, such as service module integration, & default gateway redundancy

03

Access layer—Where the servers physically attach to the network

04

Multi-tier model is based on the web, application, and database layered design

- 
- ✓ Concurrently maintainable
 - ✓ Private, public, and hybrid cloud services
 - ✓ Customized storage options
 - ✓ Dedicated & utility consumption models
 - ✓ Data resiliency with offsite replication

SECURITY MANAGEMENT

01

Receive on-target analysis to pinpoint possible gaps that need addressing

02

We provide continuous, dynamic, non-disruptive resolution to incidents

03

Shield data centers from advanced persistent threats (APTs) and sophisticated malware

04

Comprehensive management of risks in the whole infrastructure

- 
- ✓ Dual Authentication Access
 - ✓ Monitored Video Surveillance
 - ✓ End-to-end encryption
 - ✓ State-of-the-art backup
 - ✓ Virtual security

SECURITY OPERATIONS CENTER

Our SOC managed services seeks to prevent cybersecurity threats and detects and responds to any incident on the computers, servers and networks it oversees. What makes a SOC unique is the ability to monitor all systems on an ongoing basis, as employees work in shifts, rotating and logging activity around the clock.



Managed SOC

E Square has more than a decade of experience in handling cyber security operations, while we provide advanced technical skills and subject-matter expertise to mitigate security threats.



Advanced Security Monitoring

Detecting threats, vulnerabilities and malware at the earliest stage. With SOC network experts, you can ensure complete security of your enterprise.



Comprehensive Analytics

Our experts monitor the frequently changing threat scenario and analyze cross-platform threats to offer a wide range of IT security operations.



Integrated Threat Intelligence

E Square's SOC management system allows you to easily take advantage of a wide variety of threat intelligence sources, whether internal, commercial or open source.

CAPABILITIES STATEMENT

01

Advanced Security Controls – Application Security, End point Security, Cloud Security, Firewall Security, Identity & Access Management

02

Network Intrusion Detection System (NIDS)

03

Host Intrusion Detection System (HIDS), including File Integrity Monitoring (FIM)

04

Advanced Threat Analytics with Malware Analysis & Forensics

05

Cyber Threat Intelligence & Analysis

MANAGED SOC

01

24x7 security monitoring utilizing leading Security Information & Event Management Systems

02

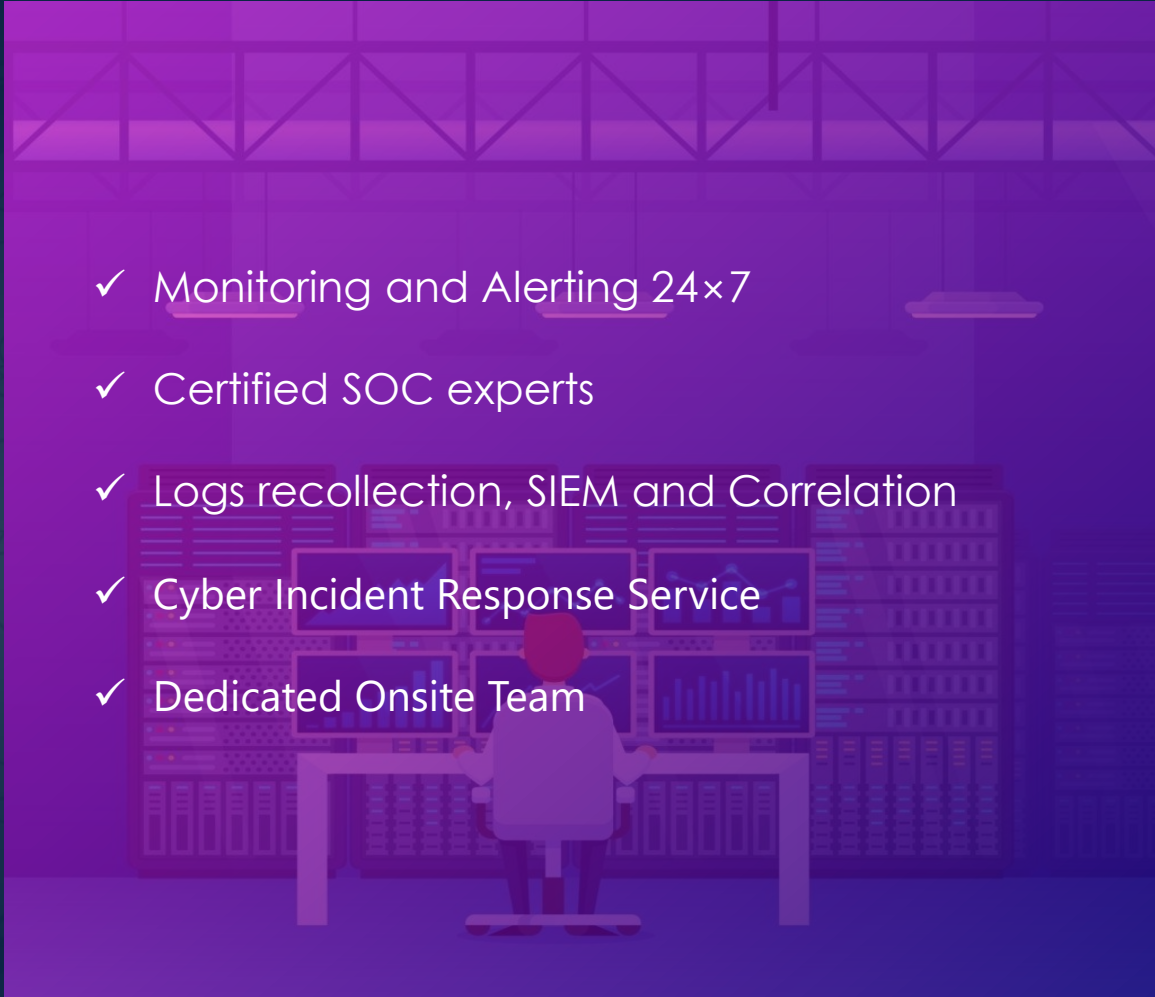
Monitoring of firewall, IDS, anti-virus and operating system logs and any other sources of security events

03

Our SOC team detects vulnerabilities in the customer's IT infrastructure using cutting-edge technology

04

Acts as your security advisor and helps you continuously improve your security posture

- 
- ✓ Monitoring and Alerting 24x7
 - ✓ Certified SOC experts
 - ✓ Logs recollection, SIEM and Correlation
 - ✓ Cyber Incident Response Service
 - ✓ Dedicated Onsite Team

ADVANCED SECURITY MONITORING

01

Streamlined processes for continuous monitoring and deeper assessment

02

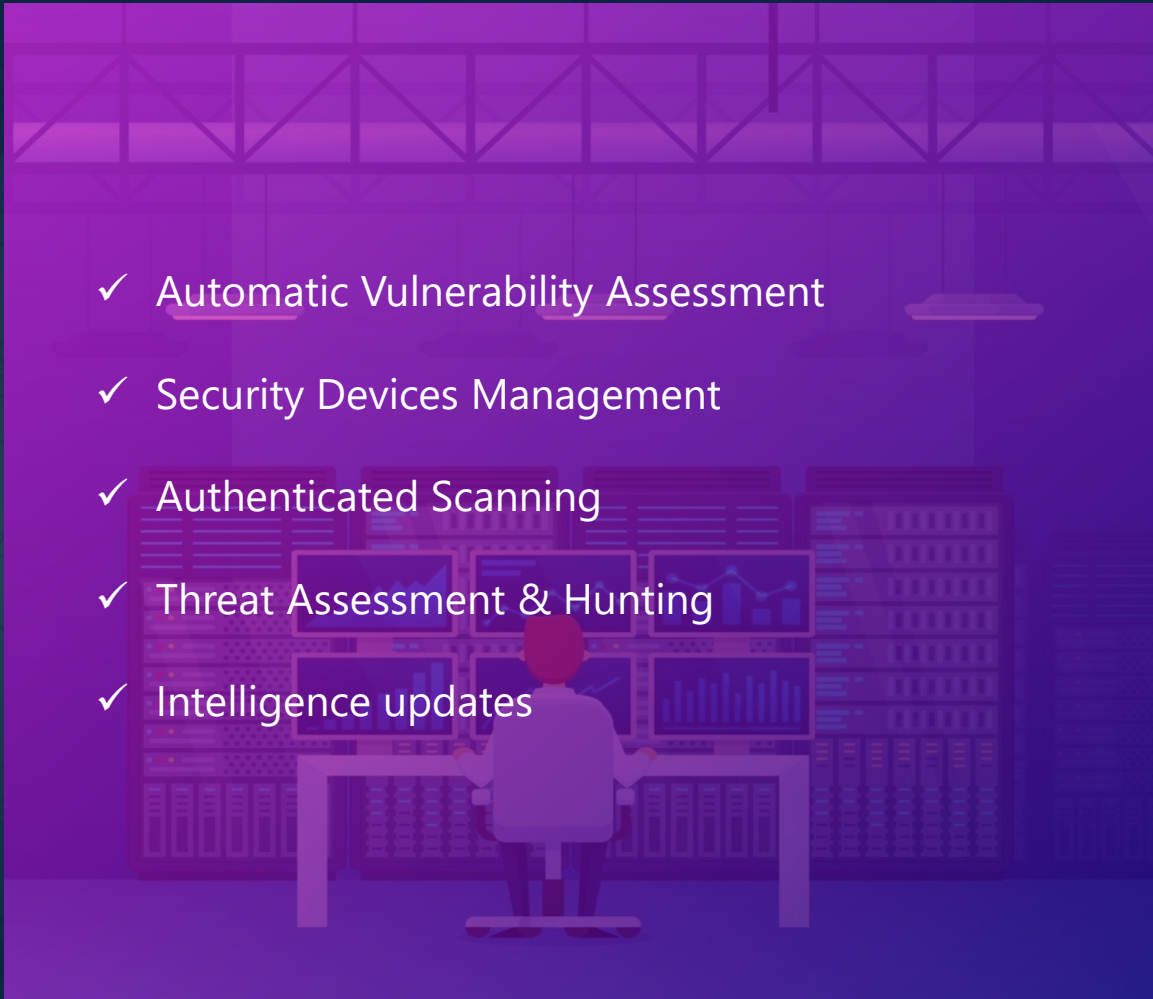
Immediate threat detection and rapid incident remediation

03

Detect cyber threats and security vulnerabilities at early stage

04

Pre-emptively mitigate risk by minimizing vulnerability exploitation time-frames

- 
- ✓ Automatic Vulnerability Assessment
 - ✓ Security Devices Management
 - ✓ Authenticated Scanning
 - ✓ Threat Assessment & Hunting
 - ✓ Intelligence updates

COMPREHENSIVE ANALYTICS

01

Our security engineers monitors continuously changing threat landscape and analyze threats

02

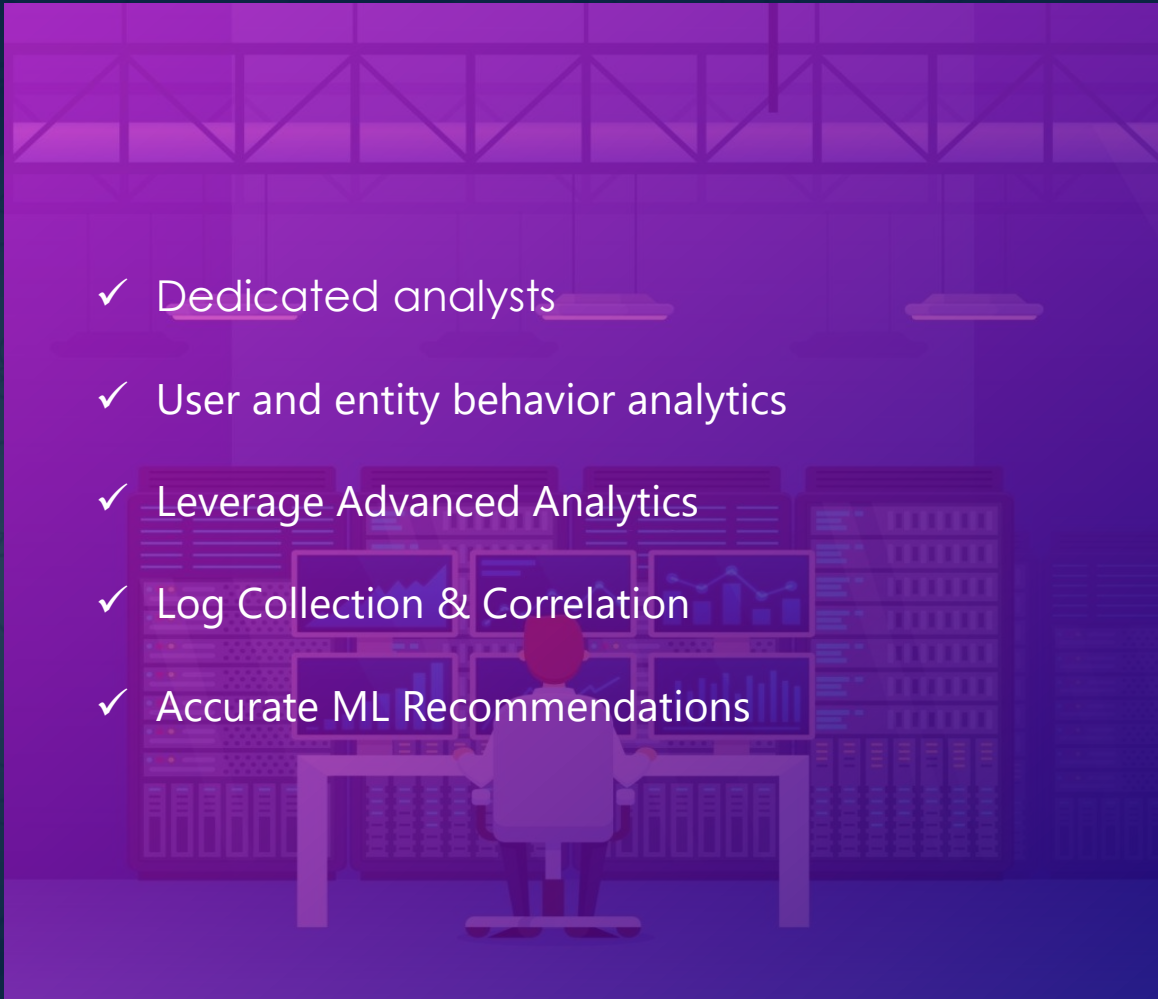
Real-time strategic insight into risk by certified professionals

03

Provide statistical & ML approaches to provide the most accurate & contextualized operational insights

04

Converge on a central location for all enriched data to drive more actionable insight

- 
- ✓ Dedicated analysts
 - ✓ User and entity behavior analytics
 - ✓ Leverage Advanced Analytics
 - ✓ Log Collection & Correlation
 - ✓ Accurate ML Recommendations

INTEGRATED THREAT INTELLIGENCE

01

With AI/ML, Threat Intelligence & Automated Response capabilities, the SOC team will be able to block threats proactively

02

Producing strong strategic threat intelligence with focused, specific questions to set the intelligence requirements

03

Participate in both internal & external threat sharing to increase intel quality & contribute to the security community

04

Proactively seek out security gaps and work with operations to close them

- 
- ✓ Threat Intelligence integration
 - ✓ Build an Adaptive Architecture
 - ✓ End-To-End Visibility
 - ✓ SOC Incident Handling
 - ✓ Monitoring Alerts & Mitigation

```
mirror_mod.use_x = False
mirror_mod.use_y = False
elif _operation == "MIRROR_Z":
    mirror_mod.use_x = False
    mirror_mod.use_y = False
    mirror_mod.use_z = True

# At the end, add back the deselected mirror mod
mirror_ob.select = 1
modifier_ob.select = 1
bpy.context.scene.objects.active = modifier_ob
print("Selected" + str(modifier_ob)) # modifier ob is the active
mirror_ob.select = 0
```

MAJOR PROJECT WE HAVE HANDLED SUCCESSFULLY

TRIDENT GROUP – SAP HANA MIGRATION & DC/DR

SAP HANA Migration and DC/DR
Implementation for Trident Group.



TRIDENT GROUP – SAP HANA MIGRATION & DC/DR

Business Challenge

- Customizing the legacy systems to meet specific needs
- Minimize interruptions to the normal operations of the application
- Restoration of the service of any application component must be completely automated

Our Solution

- Infrastructure setup
- SAP HANA Configuration and Deployment
- Design of NetWorker architecture
- Development of NetWorker Module for SAP
- Deployment of NetWorker software on the NetWorker server.
- Configuration and Installation of SAP HANA

NTPC – DC/DR

DC/DR Implementation and Infrastructure for NTPC.



NTPC – DC/DR

Business Challenge

- Minimize interruptions to the normal operations of the application
- Restoration of the service of any application component must be completely automated

Our Solution

- Infrastructure Setup
- DC and DR for NTPC Noida & Hyderabad
- Networking (67 Km Fiber cabling)
- Data Center Augmentation
- Operation and Maintenance for 5 Year

GAIL – DC/DR AND E-OFFICE

E-Office Implementation and Infrastructure for GAIL in Association with Rolta.



e-Office

GAIL – DC/DR AND E-OFFICE

Business Challenge

- Minimize interruptions to the normal operations of the application
- Restoration of the service of any application component must be completely automated
- Real-time monitoring and tracking capabilities
- Building a Paperless Office

Our Solution

- Infrastructure Setup
- DC and DR for Noida & Navi Mumbai
- Technology- NewGen
- Deployment, Operation and Maintenance Support for 5 years
- Helpdesk

OSCSC Ltd. – DC/DR

Supply, Installation, and Commission of DC/DR IT Infrastructure for OSCSC Ltd. a part of Food Supplies & Consumer Welfare Department, Government of Odisha



OSCSC Ltd. – DC/DR

Business Challenge

- Minimize interruptions to the normal operations of the application
- Need to have multiple DC locations with interconnected DR
- Restoration of the service of any application component must be completely automated

Our Solution

- Infrastructure Upgrade at OSDC (Odisha State Data Center)
- Infrastructure at NDC for Business Continuity Plan at STPI Data Center
- Mitigation strategy and roadmap plan of action
- A minimum of 3 years of Support Service

DIRECTOR OF TREASURIES AND INSPECTION, ODISHA

Hardware Augmentation and O&M
for Director of Treasuries and
Inspection, Odisha



DIRECTOR OF TREASURIES AND INSPECTION, ODISHA

Business Challenge

- Hardware Augmentation to run latest applications
- Uplift the SLA to 99.5 %
- 24X7 Hardware Uptime for 365 days

Our Solution

- Supply, Installation, and Commission for latest hardware
- AMC of CMC and Embee Hardware for 3 years and O&M for 7 years
- SLA : 24X7 support (365 Days) , 24 Hrs Resolution
- Dedicated manpower for the site

OSWAS 2.0 DATA CENTER

Data Center for Odisha Secretariat
Workflow Automation System
(OSWAS) 2.0



OSWAS 2.0 DATA CENTER

Business Challenge

- Modernize existing Data Center to host the OSWAS) 2.0. application and data with no down-time
- Robust services and cost savings opportunities of consolidated and modernized infrastructure
- Troubleshooting & ready for business support with standardization in adherence to global standards

Our Solution

- Data Center Rack allocation and DC space management
- Access control and security management
- Inventory management for DC assets
- 24X7 Helpdesk
- Operation and Maintenance for 5 years

KHARAVELA BHAWAN NETWORKING

Supply, Installation and
Commissioning of IT Network For
End Users Computing At Kharavela
Bhawan



KHARAVELA BHAWAN NETWORKING

Business Challenge

- Core networking backbone of communication between the new Secretariat building & the previous Secretariat building
- Configure the Network infrastructure with no connectivity level issues and be scalable
- Comprehensive Onsite Maintenance and maintain the required SLA level

Our Solution

- Supply, Install, Commission and Integrate the network devices
- Seamless integration and interoperability and Comprehensive Onsite maintenance & services for supplied equipment
- Complete LAN/WAN/WLAN/Security infrastructure

EMERGENCY RESPONSE CENTER INFRASTRUCTURE

IT Infra and Call Center of
Emergency Response Center for
Health & Family Welfare Dept.,
Govt. of Odisha for 108 Ambulance
Service



EMERGENCY RESPONSE CENTER INFRASTRUCTURE

Business Challenge

- Improve service levels, increased patient satisfaction, improved call quality during peak hours, and reduce costs
- Server Management and Server security with unified threat management system
- Implementation and enhancement of Data Center with IT Infra and Dispatch Centre

Our Solution

- Modernized the "Emergency Response Center" Ambulance Service (Emergency Number - 108, 104, and 102)
- 24x7x365 Multi-Channel Call Center solution
- Operation and Maintenance of Central infrastructure
- Interactive Voice Response (IVR) Functions

MODERN RECORD ROOM, GOVT. OF ODISHA

Supply & implementation of IT infrastructure & compacter to more than 200+ no. of Tehsils under National Land Records Modernization Program (NLRMP) project across Odisha



MODERN RECORD ROOM, GOVT. OF ODISHA

Business Challenge

- Large no of Old Land Records are kept in Record Rooms at Tahasil Offices
- Needed to be preserved for different length of time it is essential to preserve them following certain classification
- The list of Records stored in the Record Room has to be maintained systematically, following certain given pattern so that retrieval of any Record required

Our Solution

- Supply and Installation of IT Equipment and peripherals in Tahasils, SR & DSR office and OSDC
- Networking at Tahasils, SR & DSR
- Compactor and Furniture in Tahasil Modern Record Rooms
- Training to the end user
- Support & maintenance

**Thank
You**

