New technologies for new communications

IT & Cloud Services
Communications of the future

Next-Gen USE CASES
- Broadband and media everywhere. AR/VR
- Smart vehicles, transport
- Critical services and infrastructure control
- Critical control of remote devices
- Human machine interaction
- Sensor networks

REQUIREMENTS
- Latency
- Capacity
- Iot Connectivity
- Power budget
- Synchronization
Internet of things

SMART ENVIRONMENTS

ASSET MANAGEMENT AND TRACKING

REMOTE OPERATIONS

INFRASTRUCTURE CONTROL
Railway operators needed On-board Wi-Fi Connectivity and Infotainment services for their customers.

Ericsson have an e2e Connected Rail solution powered by 3rd party vendors who provide Rail certified products to augment Cisco Wi-Fi

Managed Services was a critical Ericsson component to Railway Operators allowing them focus on end users.

“We are pleased to utilize Ericsson’s professional managed services. The partnership establishes the framework and foundations required for developing a truly interconnected eco-system of on-board services and systems in the future.”

Networks  IT  Media  Industries
Ericsson capabilities
Supply, design, install, operate, govern globally

Global Services Delivery

Supply Chain to service
180+ countries

Managed Services (tools & processes)

1st, 1.5 and 2nd level assurance activities (preventive maintenance, Incident and Event Management, escalation to vendor support)
System administration (Operating system, security, database and applications)
Hardware support (HW support identification, ordering spare parts, supporting changes related)
Reporting activities support (assuring collections and aggregations, analytics, implementing new reports)
Change Management activities support (Change approvals, implementation of changes, support during changes and babysit)

Capacity and Performance (monitoring parameters, supporting implementing capacity change)
Problem management support
Field Engineers and 3rd party coordination
Fulfillment activities (patch installations, updates and upgrades, configuration changes)
Automation and Optimization support (automating manual tasks related to target systems and automating activities)
EWN Market SOLUTIONS
At a Glance

1. Indoor Small Cells
2. Operator Wi-Fi
3. Traffic Steering
4. Wi-Fi Calling
5. Trusted Mobile Operator Wi-Fi
6. Untrusted Mobile Operator Wi-Fi
7. Fixed Operator Wi-Fi with SON

Wi-Fi Solutions with E/// and Cisco products - integrated, validated, documented and supported by E///
Applications will change
### Now: Legacy, Pre-Configured

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<th>Data Center Operations</th>
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- **Data Center Operations**
  - **Compute Management**: VMs, VMs, VMs, VMs, VMs
  - **Network Management**: Proprietary Router Appliance, Proprietary Firewall Appliance, Proprietary VPN Appliance
  - **Storage Management**: Proprietary NAS, Proprietary SAN, Proprietary Archive

### Next: Software-Defined Infrastructure

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- **Compute Pool**: VMs, Containers, Virtual Router
- **Network Pool**: Virtual Router, Virtual Router, Virtual Router
- **Storage Pool**: Virtual SAN, Scale Out Storage, Legacy Storage

- **Data Center Facility**: Power, Cooling, Space

**Services**
- Data Center Automation: Managed as Single Economic Unit
- Application and Data Platform
- Governance and Data Integrity
- Compute Controller
- Network Controller
- Storage Controller
- Security Controller

**Data Center Automation Platform**
- Fully Automated
- Autonomous
- Continual Refresh
- Open, Programmable
- Error-free
- Business Integrity
- Hyper Scale Performance
- Immutable
The customer had aggressive global roll-out for >250 sites in specialized environment and very narrow deployment windows. They were seeking the right organization to coordinate a multi-phased delivery project and to professionally support the Cisco IT solution.

Ericsson’s Managed Services with proven track record with customer allowed Ericsson manage the modernization and management of the IT infrastructure.

Joint collaboration between Cisco and Ericsson – enabling customer to launch new business and IoT applications on a global scale for improved operational efficiencies.
Leverage mobile user experience for enterprise communication

Leverage the power of your mobile network to turn mobile phones into powerful enterprise-connected devices

Enable high quality business calls anywhere

Deliver enterprise collaboration capabilities on the go

Use native phone dialer
Collaboration mobile convergence

Use the regular phone dialer (for business calls)

HD voice

Sparc Enterprise features on mobile phones (business number, extension dialing, business voice mail et c)

Collaboration on mobile phones and other devices

Business calls on smartphones anywhere