

Alcatel-Lucent 1340 INC

INTEGRATED NETWORK CONTROLLER | RELEASE 18.1

The Alcatel-Lucent 1340 Integrated Network Controller (INC) provides network management for Alcatel-Lucent and other vendors' equipment from a single platform. Network operators can configure and monitor DCS, SONET, WDM, Ethernet MSPP and transport network services with a single GUI, making network management more efficient and cost-effective.



The Alcatel-Lucent 1340 INC provides performance monitoring and reporting. Because the Alcatel-Lucent 1340 INC integrates multiple technologies, equipment from multiple vendors and up to 99,000 network elements, it gives network operators a single and complete view of their transport network.

Key features

- End-to-end circuit, fault and performance management
- Extensive data reporting, including card inventory, usage, utilization and historical reports
- Enhanced performance management for SLA management and proactive maintenance
- OSS integration with MTOSI, TL1, SNMP, JMS and other interfaces
- Cross-carrier and customer integration using remote Web access and secure partitioning

Key benefits

- Simplifies operations of transport networks with a single GUI for SONET, Ethernet, MSPP, ATM, Frame Relay, radio, digital cross-connect systems and optical devices
- Improves network operations through real-time configuration, fault and performance management of multivendor, multitechnology networks
- Lowers operating and training costs by providing a consistent interface for managing all network elements

Technical specifications

Reporting

- Usage
- Utilization
- Capacity
- Inventory auto discovery

Multitechnology integration

- Digital Radio
- Ethernet
- ATM
- Frame Relay
- SONET
- WDM
- DCS

Supported applications

- Element Management System for Alcatel-Lucent:
 - 1850 TSS family
 - 1830 PSS family
 - 1675 LambdaUnite
 - 1665 DMX family
 - 1671 SC
 - 1678 MCC
 - 1695 WSM

- Ethernet over SONET
- Metropolitan Ethernet management of customer VLANs

Multigenerational integration support

- Alcatel-Lucent DDM-2000
- Alcatel-Lucent FT-2000
- Alcatel-Lucent 1603
- Alcatel-Lucent 1631
- Fujitsu FLM
- Nortel TBM Classic

Multivendor integration support

- Nortel
- Cisco
- Fujitsu
- Tellabs

Platforms

- SUN T5220
- SUN M4000
- HP Integrity rx2660 Server
- HP Integrity rx6600 Server

PC client recommendations

- 21-in. monitor
- 512 MB memory minimum
- 80 GB internal disk
- DVD-RW
- 10/100Base-T Ethernet LAN port
- Video card/monitor
 - 1280 x 1024 resolution
 - 70 to 72 Hz refresh rate
- Microsoft® Internet Explorer 6 or higher

Scalability

- One to 99,000 network elements
- Up to 2560 concurrent users