





- **Highly secured** - assuring maximum system security, SCOPIA blades provide **separation of management and media traffic** using different internal switch connections, as well as logical separation (VLAN tagging). In addition, SCOPIA blades provide Access Control List (ACL) protection mechanisms for restricting access to management interfaces.
- **Highly serviceable** - all Field Replaceable Units (FRUs) are serviceable from the front, except for Rear Transition Modules (RTMs).
- **Remote administration** - built-in Intelligent Shelf Managers (ISMs) communicate with the chassis blades enabling remote management and diagnostics for enhanced system reliability. SCOPIA 1000 supports two redundant ISMs that operate in active/hot standby modes.

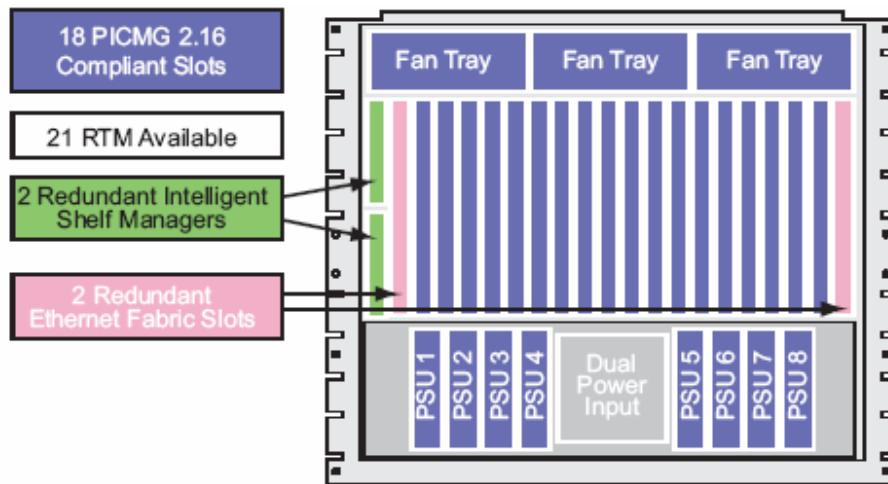
### SCOPIA1000 Technical Highlights:

- 12U, 19-inch rack-mount enclosure
- 21 hot-swappable, 6U, standards-based slots:
  - 18 node slots (blades)
  - Two 10/100/1000 PICMG® 2.16 redundant backplane slots (No CompactPCI® bus)
  - Two 3U redundant PICMG 2.9 IPMI-based Intelligent Shelf Managers (ISM) slots in a single 6U slot
- Up to 1300W total power and cooling (e.g. 50W per node slot, 70W per fabric slot)
- Isolated power feeds
- Designed for NEBS Level 3 and ETSI Installations
- IPMI star topology for increased reliability and security



### Mid-plane Configuration

The mid-plane supports up to 18 RADVISION SCOPIA function blades over the PICMG 2.16-compliant Ethernet mid-plane (slots 3-20) spanning all 18 node slots. There are three V(I/O) planes that are used separately for either 3.3V or 5V operation; two for each fabric plane and one for the 18 node slots plane. Ethernet signals are routed across the mid-plane without the use of cables, saving on setup, maintenance and repair time as well as minimizing the thermal challenges of traditional cabling methods.



### Intelligent Shelf Manager

SCOPIA 1000 includes two redundant Intelligent Shelf Managers (ISMs) operating in active/standby mode. ISM is the central management component for the chassis components. It implements the PICMG 2.9 specification for a standards-based interface, allowing SCOPIA Element Manager to access and manage the platform. ISM communicates with components in SCOPIA 1000 via point-to-point IPMB buses in a unique star topology to achieve secure, comprehensive, highly available management.







### Physical

- Height: 12U, 21" (533mm)
- Width: 17.2" (436mm) without rack-mount flanges. Rack mount flanges allow mounting to 19" racks
- Depth: 17" (431mm)
- Weight: 97.5 lbs. (44.2 kg)

### Regulatory Compliance (of the Chassis)

Designed for NEBS Level 3 and ETSI Installations

### Safety Compliance

This section lists the safety standards supported by the SCOPIA 1000 platform.

- UL 60950-1: 2003
- CAN/CSA C22.2 No. 60950-1-03
- GS Approval (EN 60950-1: 2001)
- EN 60950-1: 2001
- AS/NZS 60950+A1: 2003
- IEC 60950-1: 2001 (CB test report)

### EMC

This section lists the EMC compliance for the SCOPIA 1000 platform.

- FCC Part 15, Subpart B, Class A
- ICES-003
- EN 55022: 1998, Class A Amendments A1:2000;A2:2003
- EN 55024: 1998 Amendments A1:2001;A2:2003
- IEC 61000-4-2: 1995
- IEC 61000-4-3: 1995
- IEC 61000-4-4: 1995
- IEC 61000-4-6: 1996
- AS/NZS CISPR 22:2002, Class A
- VCCI: 2004, Class A

For further information go to [www.radvision.com](http://www.radvision.com) or contact:

USA/Americas  
[infoUSA@radvision.com](mailto:infoUSA@radvision.com)

APAC  
[infoAPAC@radvision.com](mailto:infoAPAC@radvision.com)

EMEA  
[infoUK@radvision.com](mailto:infoUK@radvision.com)