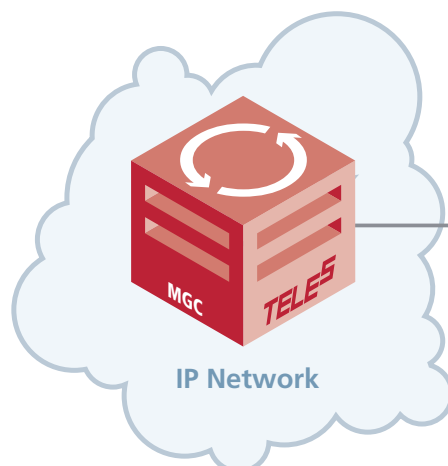


Class 4 Data Server

The Class 4 Data Server simplifies routing management



- Improved routing maintainability
- Up to 25 million routes
- Enables real time routing changes
- Provides centralized network route management
- Enables sophisticated LCR applications



Product overview

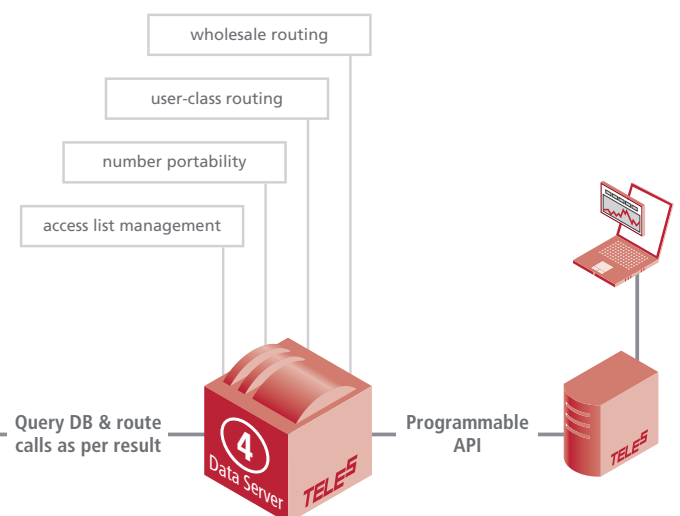
The Class 4 Data Server enables TELES Softswitch customers to set-up their own set of routing policies. It gives customers the freedom to interface to the routing engine based on a standardized interface which enables sophisticated LCR applications. Furthermore, this system is equipped with a wide range of different applications including:

- wholesale routing
- user-class routing
- number portability
- access list management

Technical description

TELES Softswitch has an internal routing engine which determines the destination carrier based on a different set of routing roles.

If the number of routing options increases, additional applications like number portability or user class routing become necessary, and the actual routing data is moved to an external data server. This data server will be queried by the TELES Softswitch. Having an external data server also enhances the performance of lookup service. The Class 4 Data Server allows customers to make specific changes to the database in a dynamic manner.



Class 4 Data Server

CAPABILITIES

Supported MGC Versions	Compact 2.0.2 Cluster 2.1.2
Supported IP-TDM Version	1.5.5
Max. entries NP	25 million
Max. entries for user class	25 million
Max. entries wholesale routing	25 million
Performance	1,000,000 BHCA

SYSTEM MANAGEMENT

documented SQL interface
SSH (Remote System Administration)

HARDWARE SPECIFICATIONS

Physical Parameters	
Enclosure	Sun X4250 chassis 2RU
Dimensions (H × W × D)	87.1 mm × 445 mm × 526 mm
Weight	Approx. 17.5 kg (38.5 lbs.)
Power	1+1 Power supply units, 100–240 VAC, 50–60 Hz, max. 650 W Hot-swap and redundant
System disk	1+1 RAID1 SAS disk, 146 GB, Hot-swap and redundant
Network interface	2 (1+1) Redundant 100/1000 Mbps Ethernet ports
Management interface	1 TIA/EIA-232-F asynchronous RJ45 port (serial) 1 100 Mbps Ethernet port
Environment Conditions	
Temperature, operating	5 °C to 40 °C (41 °F to 104 °F)
Temp., non-operating	-40 °C to 70 °C (-40 °F to 158 °F)
Humidity, operating	5 % to 85 %, non-condensing
Humidity, non-operating	up to 93 %, non-condensing, 40 °C (104 °F)
Regulatory Compliance	
Emissions	EMC Directive 89/336/EC EN 55022/CISPR 22 Class A FCC CFR 47 Part 15 Class A
Immunity	EN 61000-3-2, EN 61000-3-3, EN 55024/CISPR 24
Telecommunications	EN300 386 NEBS Level 3 certified by Telecordia
Environmental	ETSI: EN 300019-2-1,2,3, Class 1.2, 2.3, 3.1E
Seismic	GR-63-CORE
Electrical Safety	LVD Directive 2006/95/EC UL/CSA-60950-1, EN60950-1, IEC60950-1 CB Scheme with all country deviations, IEC825-1, 2, and CFR21 part 1040



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