

RadiSys

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RadiSys
THE POWER OF WE

PROMENTUM SYS-6010

The RadiSys Promentum SYS-6010 10 AdvancedTCA application ready platform architecture. enabling 10-Gigabit Ethernet fabric connectivity. It is a 10 Gigabit Ethernet (GE) platform and integrates a multitude of state-of-the-art building blocks such as 10 GE switch and control module, dual-core compute module, SAS/FC storage modules, STM-1/OC-3, PDH and Gigabit line card modules and platform software including data path software to meet the next generation performance requirements for the target applications.

The managed platform is pre-validated with a variety of modules for configuration integrity and enables TEMs to address multiple applications using specific configurations. For example, customers can build a Radio Network Controller (or Base Station Controller) using the 10 Gigabit switching, STM-1/Gigabit Ethernet line cards, and dual core compute modules. Alternatively, they can build a high performance application or media server platform with primarily compute and storage modules.

The RadiSys Promentum™ SYS-6010 10 AdvancedTCA application ready platform architecture incorporates leading edge technologies such as 10 Gigabit Ethernet (PICMG 3.1 Option 9), dual-core computing, NPU-based line card for wire-speed packet processing and platform software including datapath software. The platform architecture is designed to interoperate with both RadiSys and third party modules. The platform is pre-integrated with validated RadiSys modules to create various configurations to meet the specific application.

**FEATURES**

- › Application ready platform to address next generation requirements for RNC/BSC, Media Gateways, IMS, and IPTV infrastructure
- › Switched 10 Gigabit Ethernet (fabric) and Switched Ethernet (Base)
- › 24 Gigabit Ethernet ports for Base and 20 10 Gigabit Ethernet ports for Fabric
- › 4 Gigabit Ethernet ports for Base and 4 10 Gigabit Ethernet for Fabric
- › SA Forum HPI 1.1 compliant APIs enables platform independent middleware and applications
- › NEBS Level 3 compliant, highly redundant architecture eliminate any single point of failure and enables 5 nines or 6 nines availability
- › Architecture and building blocks enable meeting/exceeding performance objectives to target subscriber and traffic growth
- › PICMG 3.0 and PICMG 3.1 compliant