



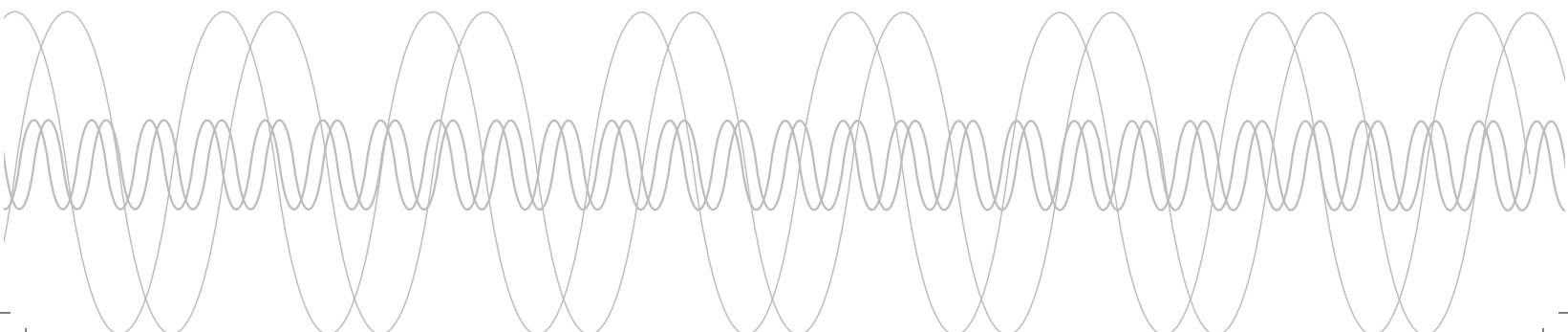
TELEFUNKEN
RACOMS

Defense & Security



InterSKY® SLA Profile Scheduler

Time-based maximization of broadband satellite network
bandwidth and spectral resources



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InterSKY® SLA Scheduler enables dynamic, time-based allocation of satellite network bandwidth and spectral resources. This guarantees fast and efficient multiservice and IP application delivery tailored to individual user needs at specific times of the day. SLA Scheduler supports multiple service level agreements (SLA) enhancing the system's cost effectiveness by planning bandwidth re-usage and assuring maximum utilization of the scarce spectrum resources. The profile scheduler is fully integrated into the InterSKY® Network Management System (ISNMS) a key component of InterSKY® Broadband SatCOM platform. The ISNMS manages, monitors, and provisions BSRs with maximum control and minimum field expertise.

- ◆ **End-to-End Efficiency** – Advanced management of the system operator's available bandwidth
- ◆ **Resource Management** – Complete resource management and assured SLAs around the clock
- ◆ **Schedule Management** – Bandwidth allocation scheduling for each user across time
- ◆ **Bandwidth Allocation** – Bandwidth reuse and enhanced service provider operational efficiency
- ◆ **Bandwidth on Demand** – Increased efficiency and substantial bandwidth savings
- ◆ **Enhanced Bandwidth Utilization** – Increases bandwidth utilization through the ISNMS

The InterSKY® SLA Profile Scheduler Advantage

The profile scheduler is suitable to a wide variety of systems, including different service types, day-time distribution and systems that provide services in different time zones

SLA Profile Scheduler Scenario

- ◆ **Multiple QoS definitions** – Enforced on an application class or a group of classes associated with a configured service level
- ◆ **QoS for defined time periods** – Applied to the assigned iRGs during the profile's activation periods
- ◆ **iRG selection for each SLA profile:** Affecting all selected iRGs

IS-NMS Provisioning and Monitoring Support for the SLA Profile Scheduler

- ◆ **Status monitoring screen** – Indicates if the iRG belongs to a profile and displays the profile name
- ◆ **Configuration screen** – Supports the assignment of the iRG to a profile
- ◆ **Export and Import** – Adds allocated iRGs to a profile
- ◆ **iRG throughput graph** – Displays SLA entities assigned to iRG for the displayed time period

System and Configuration Requirements

- ◆ **Inbound:** Each SLA profile includes required bandwidth assignments for all iRGs in the profile (iRGs can be allocated to only one SLA profile at a time)
- ◆ **Outbound:** The client must provide data about iRG associations to specific Netenforcers. Netenforcer iRG configuration must comply with Scheduler requirement

TELEFUNKEN Radio Communication Systems
GmbH & Co. KG
Defense & Security

Eberhard-Finckh-Strasse 55
89075 Ulm-Böfingen

Phone +49 731 . 15 53 - 0
Fax +49 731 . 15 53 - 112

info@tfk-racoms.com
www.tfk-racoms.com

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