

Service Provider Suite

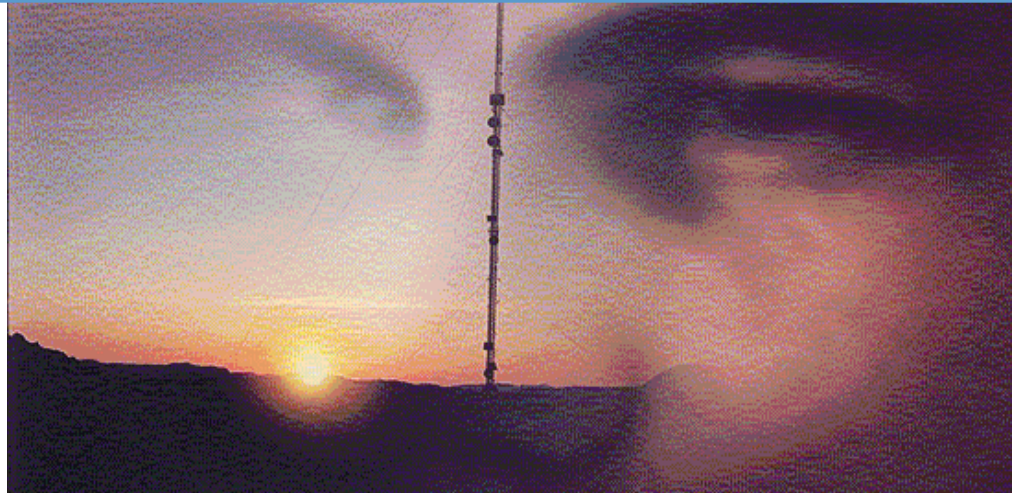
Sectra SPS

Key Features

- Contains ready to run and easy to use utilities for setup and management of DARC Services
- File, Email, Web, Paging and Serial data distribution without any programming
- Open architecture with interfaces available for external development.
- Individual and group addressing
- Conditional access and subscription management
- Effective usage of DARC bandwidth
- Scalable to your needs
- Full DARC compatibility

Standard interfaces

The Sectra SPS is a collection of software modules that establish a concept for putting together and deliver information to mobile and stationary units via DARC. All modules are licensed and configured separately making the system both flexible and scalable. Sectra SPS offers standard data connection interfaces, to make it is easy to setup a specific service. With the Sectra



SPS it is possible to design and configure the service to meet customers various needs. The Sectra SPS forms the entry of the Sectra DARC System. The information is sent through the DARC System and it will be available on the Sectra DARC receivers wherever there is FM radio reception.

DDS Server (Data Distribution System)

This is the heart of the Sectra SPS. The DDS provides a general file and packet transmission, tailor made for real-time & multicast environments.

All functionality is wrapped into a Windows COM object that easily can be utilized by custom implemented application servers. Features.

- General file and packet transmission over DARC
- A general compression scheme Fragmentation and Repetitions
- Encryption (Using Sectra SMS or a Fixed Key scheme)
- Transmission scheduling of a set of files
- Priority handling

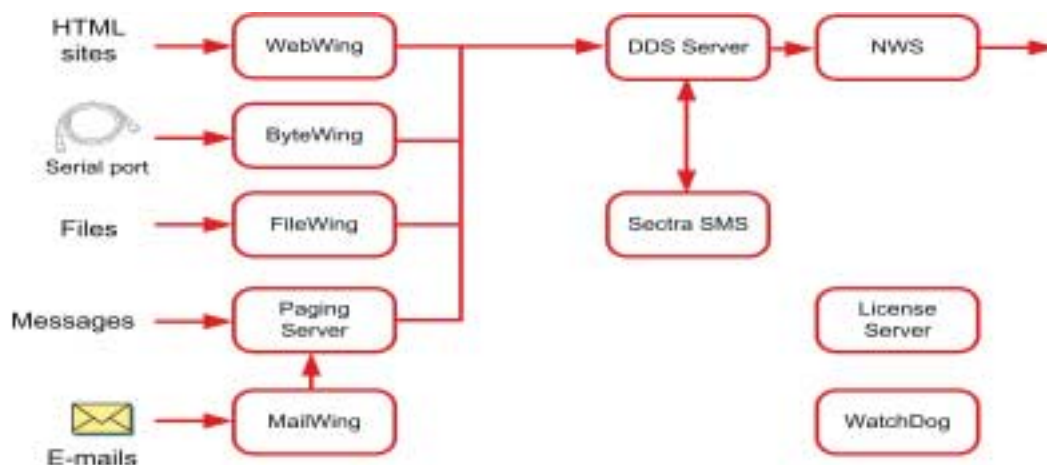
On the Client side, the Mobile Net Client is used to defragment files and packets and eventually creates the files that have been received.

Sectra SMS (Subscriber Management System)

The Sectra SMS is a utility that controls the access of transmitted/broadcast data to only subscribing customers. This allows the Service Provider to regulate who should get access to its information. Features:

- Conditional Access based on standard high-strength encryption
- Activate and revoke of subscriptions over the air
- Add receiver-side delay of data Issue subscriptions that are time based or based on per day usage

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FileWing

The FileWing is a utility for retrieving files from a server and send them out to a population of DARC receivers. Features:

- Sending single files as well as whole folders
- Drag and drop transmission of files

ByteWing

ByteWing is a utility for retrieving data from a serial device (serial data output) and send it out to a population of DARC receivers. Features:

- Framing data into packets and then send them in a reliable manner.
- Building long “serial” wireless connections

PacketWing

PacketWing provides the Packet Interface of the DDS Server over a TCP/IP connection. Features:

- Allowing applications to send data using the DDS Server’s package interface over TCP/IP

WebWing

WebWing is a utility for retrieving HTML-pages from a Web-server, filter them and send them out to a population of DARC receivers. Features:

- Mirroring of internet web sites
- Preview of web contents
- Filtering and conversions to adapt to CitySurfer® capabilities
- Several parallel sites can be retrieved and sent out

Paging Server

The Paging Server is a utility for sending addressed messages to individual or groups of DARC receivers. Features:

- Open interfaces for integration to message delivering systems
- Supports multiple independent paging services
- Messages in plain text, HTML formatted text or complex HTML pages with embedded images
- Compatible with the CitySurfer®.

MailWing

MailWing Server is a utility for distributing standard Internet/ intranet e-mails to individual or groups of DARC receivers. Features:

- Compatible with all standard e-mail clients
- Supports the standard SMPT protocol for e-mails
- Rules can be set for e-mails based on individual recipient or complete e-mail domains
- Possible to truncate and/or limit the number of e-mails

License Server

The License Server is a central part of the Sectra SPS and manages the licenses for all Sectra products.

WatchDog

The WatchDog is an easy to use utility for monitoring DARC transmission and send alarms when it is disrupted. Features:

- Send e-mail to operator when an alarm is generated
- Possible to configure schedule and address for alarm recipients

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