Broadcast Operations – Product Family

Crisis Management Data System (CMDS V3.1)

CMDS V3.1

▲ Data Repository for crisis management information. Consolidates all data related to crisis management, such as:

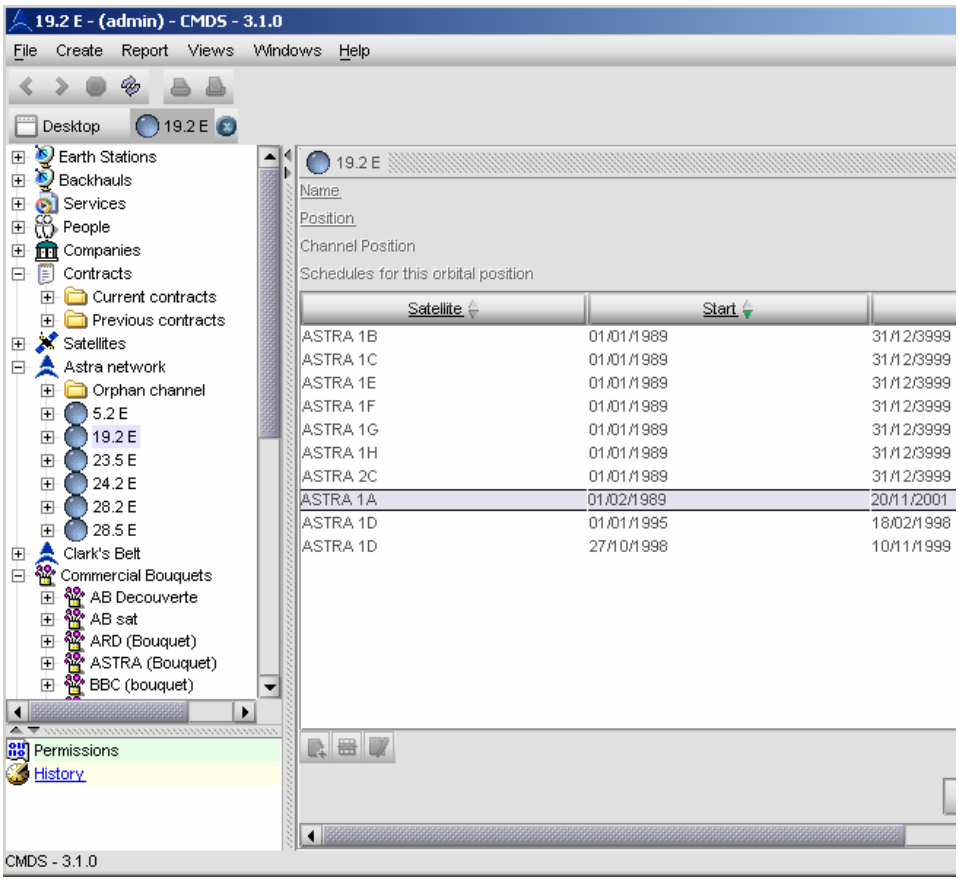
- ➢ Companies
- ➢ People
- ➢ Contracts
- ➢ Services
- ➢ Satellites
- ➢ Earth Stations

Note: The system does *not* provide any special functionality or artificial intelligence to suggest automatically a resolution strategy—it is, rather, an application for data maintenance and reporting.

▲ Service Information Interface (SII)

Enables you to correct errors flagged by the SES program D-SII, which compares CMDS data with the broadcast (P)SI* metadata

*(P)SI = DVB SI tables & MPEG-2 PSI tables



CMDS V3.1 Features

▲ Client/Server architecture

CMDS supports multiple clients accessing one CMDS server.

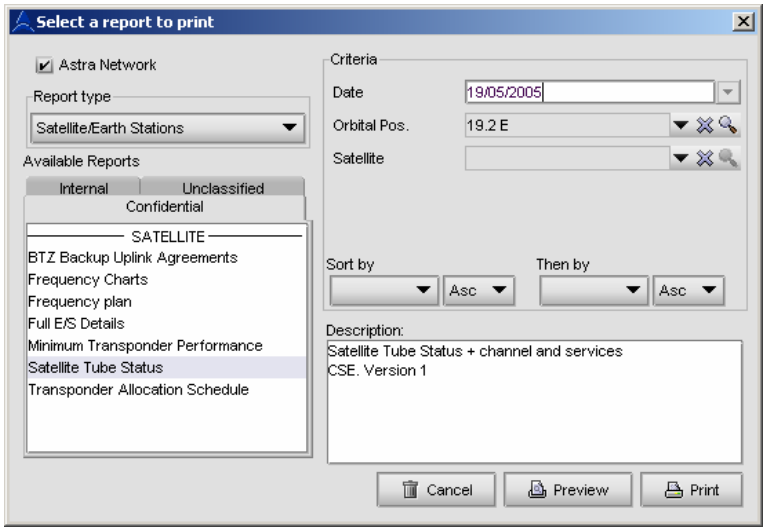
▲ CMDS Graphical User Interface (GUI)

The GUI facilitates the input and retrieval of information for each of the departments using the system (Marketing, Legal Affairs …).

In the navigation pane, select the database item that you want to view or update—Contract, Satellite and so on. Having selected your primary record you can easily view related information using links in the context-sensitive navigation pane. The GUI can be customized in many ways. For example, for security reasons to enable users to restrict access to any *People* and *Company* records they create.

▲ Report Panel

Easily generate numerous reports from the existing database information using a number of configurable parameters and the following output formats: CSV, DHTML, HTML and PDF



▲ Consistency Checks

For example, the DVB triplet inconsistencies check. In DVB, each Service is uniquely identified by the triplet:

`original_network_id, transport_stream_id, service_id`

Using a simple menu option you can quickly generate a report that highlights any inconsistencies in the existing triplets in the CMDS database and use icons to view and correct errors in the database.

Minimum Requirements

- **Server Workstation**
  - 10BaseT LAN Card;
  - 10 GB Disk / 512 MB RAM;
  - Java 2 Platform Standard Edition Java V1.4.2+ Java Runtime Environment;

- **Client Workstation**:
  - Pentium III 300MHz CPU;
  - 10BaseT LAN Card;
  - 10 MB Disk / 256 MB RAM;
  - Windows 2000, MAC OS X, Linux, Solaris;
  - Microsoft Internet Explorer V5.0+
  - Java 2 Platform Standard Edition Java V1.4.2+ Java Runtime Environment;

- **Database**:
  Oracle 9i

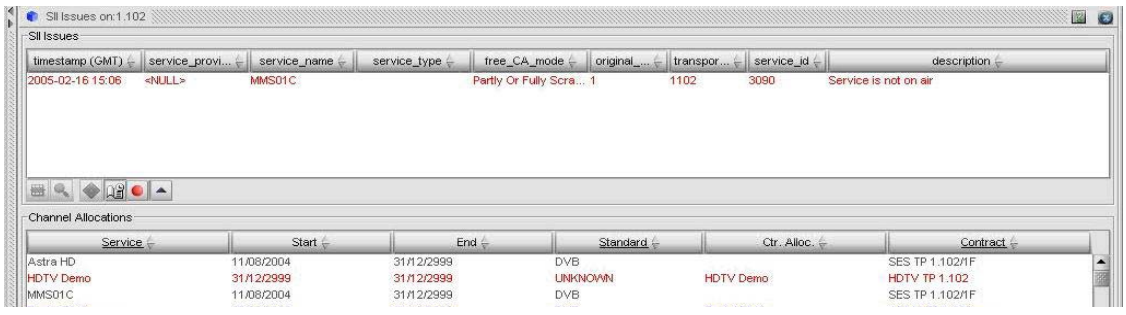
▲ Service Information Interface (SII)

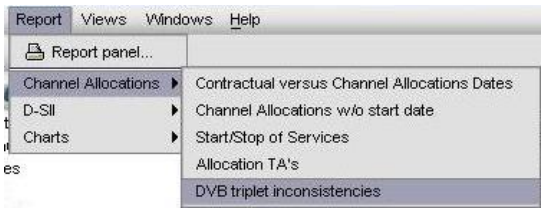
The SII functionality in CMDS V3.1 enables you to view error messages automatically generated by the SES ASTRA TechCom D-SII program to flag inconsistencies between data in the CMDS database and the corresponding broadcast (P)SI tables. For example:

- [Broadcast] Service not found in CMDS
- [CMDS] Service is not on air
- Unknown PIDs on air
- Missing PIDs on air

The SII GUI facilitates finding where the error lies and, if necessary, updating the CMDS database with the correct, broadcast data.

For more details, see the flyer on the D-SII program.





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