

Quickly identify **Free Orbital Slots**

Need a frequency plan and orbital location for your satellite systems? Visualyse GSO includes facilities to perform constrained searches of the full SRS database.

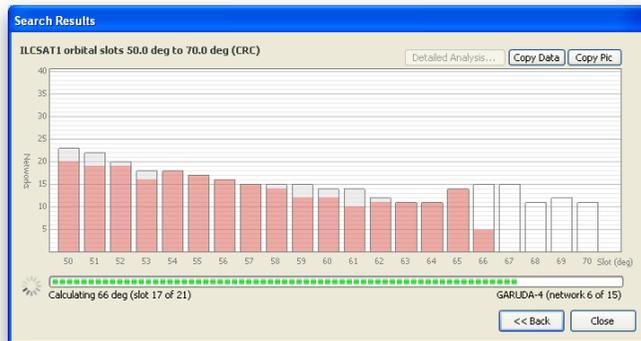
Ask for unused frequencies in the vicinity of your orbital location, and filter by (among other parameters) priority date, network name, notifying administration and expiry date.

Filter Networks

Notice Type Coordination Request

Longitude 50 to 70 deg

Visualyse GSO will return a graphical representation of the occupancy of each band you have selected to search. Allowing you to see instantly whether there are free slots.

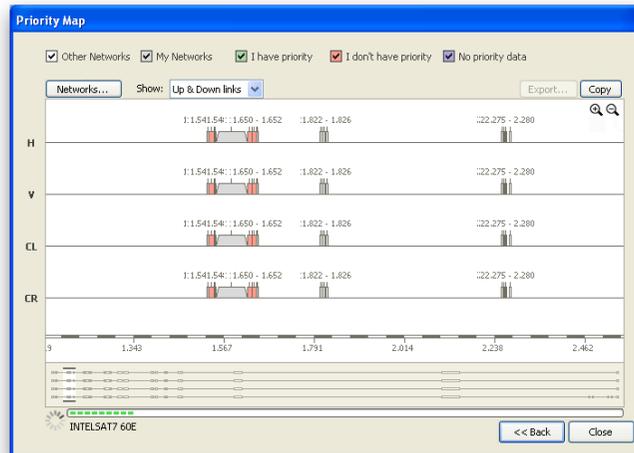


The SRS database is very crowded in most useful frequency bands and Visualyse GSO allows you to analyse sharing possibilities where no free slots can be found.

Regulatory Priorities – see the whole picture with **Visualyse GSO**

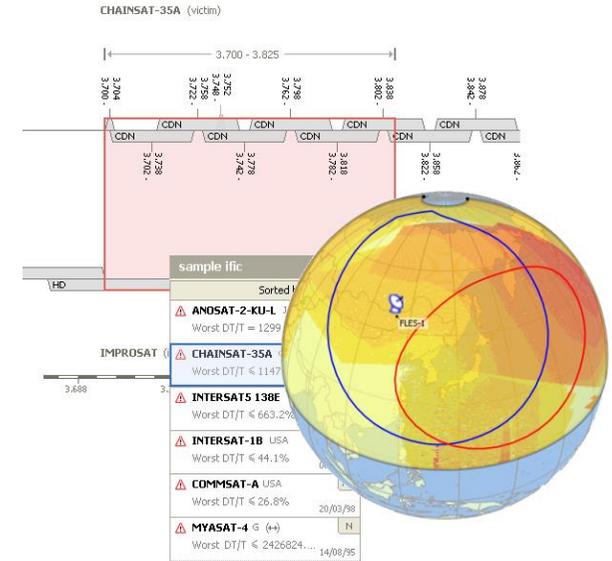
Visualyse GSO provides you with a complete view of priorities for identified frequency overlaps.

Priority dates at network and group level are extracted from the database and assets can be filtered and sorted by Notification Date or more usefully by 'Date of Effective Protection'.



A complete view of your relative position is generated allowing you to see at a glance where you have the upper hand in bilateral coordination.

Combine the processing of priority dates with coordination trigger analysis and powerful detailed interference calculations and you have a software tool that provides seamless support for the satellite coordinator.



Visualyse GSO

Take the Mystery out of Satellite Coordination



Visualyse GSO is available now complete with many powerful new features developed in response user feedback.

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What's the Major Problem with Satellite Coordination?

If you are like many other people you may be plagued by the mountains of paper work and wonder how you will ever get to the small amount of vital information you need.

Now Visualyse GSO provides a solution. A simple to use, seamless package takes you through all stages of the process from receipt of an IFIC circular to the preparation of detailed analysis for bilateral coordination.

The mystery and legwork of processing the data are removed as Visualyse GSO automatically highlights cases that need further analysis based on DT/T and coordination arc triggers. Further detailed analysis allows you to look at priority dates and system parameters.

The coordination process changes from a chore to a pleasure as you find that you have more time to explore solutions to sharing problems rather than trawl through databases and paperwork.

Software Support in Bilateral Coordination

Version 2 of the software adds support for detailed bilateral coordination to an already powerful set of features for IFIC and SRS management.

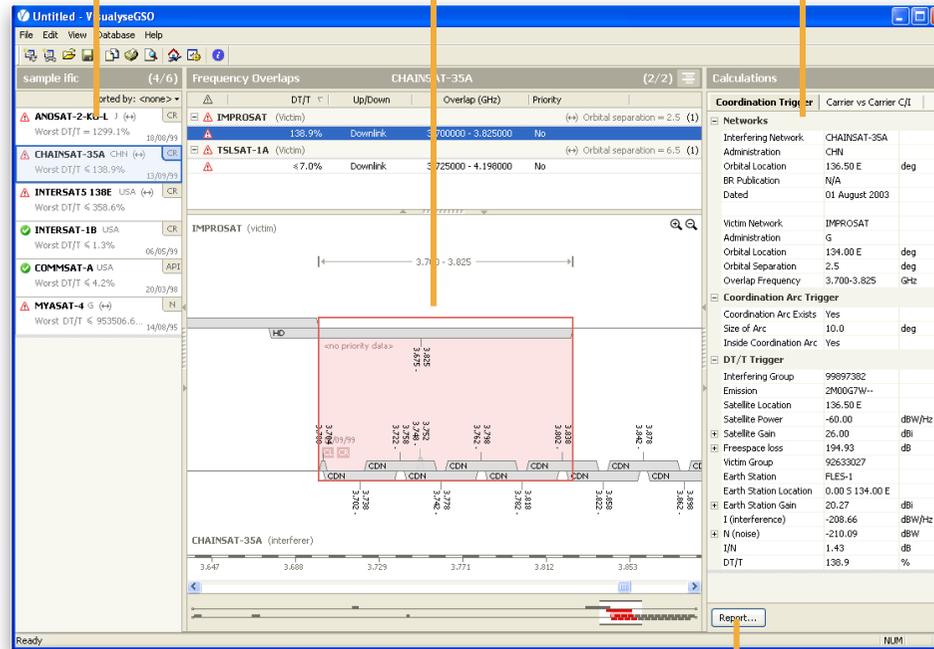
System edits are recorded. Changes to parameters such as off-axis gain that cannot be resolved to an individual network attribute are merely recorded as objective figures.

Visualyse GSO is a tool that you can use in real time during a coordination meeting or to help prepare technical arguments to take into the meeting. Whichever way you choose to use it, we are sure that it will become an invaluable asset in your organisation.

Distinct areas of frequency overlap between your networks and others are identified and displayed

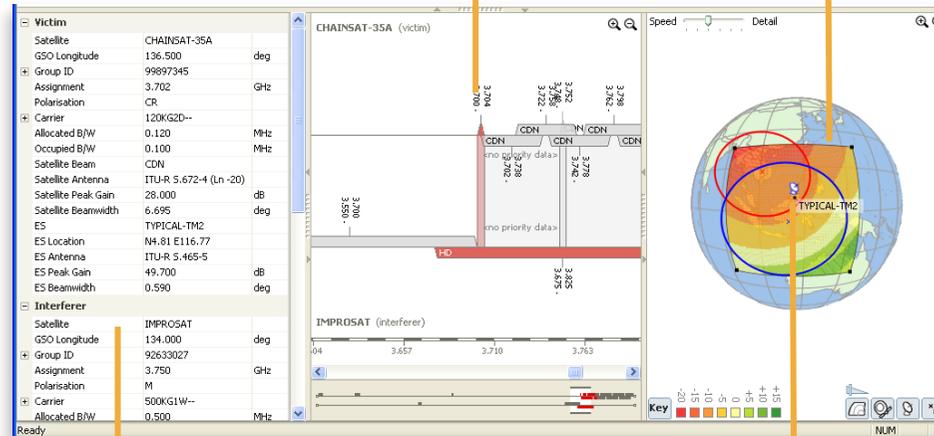
Immediately identify where coordination is needed

Follow references to system parameters to easily verify results



Instantly generate coordination reports

Look at C/I for individual carrier overlaps



All system parameters can be modified. Automatically link to GIMS for shaped beam data

earth station location is user definable so that real cases can be studied (rather than worst case).

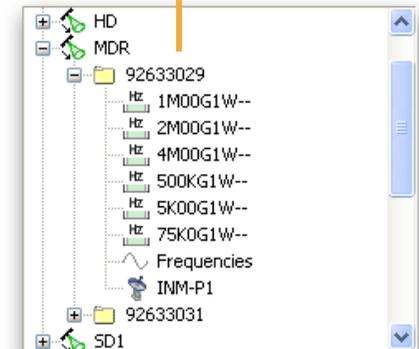
Automatically process IFIC and SRS data

Visualyse GSO effortlessly automates your interactions with space network databases published by the ITU.

Whether it's the regular task of reviewing weekly circulars published in the IFIC or an in-depth analysis of the SRS database, Visualyse GSO produces immediate results and in-depth analysis.

The software checks frequency overlaps, orbital separation, and priority dates. It performs coordination trigger analysis based on DT/T levels and coordination arcs and will also do detailed interference analysis for any system you select from those identified in the database.

Adding and editing your networks is simple and easy



Property	Value	Units
Name:	CRD	
Radiation pattern:	App 30 Space	
Gain:	22	dB
Direction:	Downlink	