

# SAGAN

## Applications: Satcom Network Systems and Services



*"The system will be a powerful tool to automate and improve the procurement of satellite resources that, until now, is being done by a human operator."*  
Pedro Lopez, Project Manager, SGI



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### PROJECT PARTNERS:

GMV (Spain)  
Hispasat (Spain)

### PROFILE:

SGI, GMV, and Hispasat of Spain have been working together on a project aimed at automating the provisioning of satellite capacity. In the past a human operator is needed to organise the various booking requests for capacity. The task of the operator was to gather requests and identify the best operational mode. SAGAN, consisting of hardware and software, is an automated capacity management system, which allows web-based access to allow the best possible use of ESA-leased satellite capacity.

To achieve all this, the three companies have developed software modules, interfaces and utilities, as well as purchased the necessary hardware. The system is open-source-based and can be accessed with standard http browsers.

The SAGAN webservice can be accessed at:

<https://sagan.esa.int/sagan>

SAGAN has led to a better response to multiple requests for ESA-leased satellite capacity. It is therefore possible to increase efficiency and allow better management of the growing demand for satellite capacity. Distribution of satellite capacity resources has been optimized to the greatest possible extent.