

# CASE STUDY

## ILLUMINATOR

Asset & Capacity Management



**GD**  
PROGRESSIVE  
SOFTWARE  
SOLUTIONS

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# CASE STUDY

## ILLUMINNATOR Asset & Capacity Management

### Problem

The client undertook a survey of its Satellite Teleport Network technical assets in order to maximise the value of a potentially under-utilised inventory. Survey data output was captured in various unstructured formats and required an extensive data cleansing treatment before it could be analysed efficiently. Migrating the dataset to a tailored database solution would be necessary to properly interrogate and extract maximum business value.

### Solution

The ILLUMINNATOR team worked with the client to develop a full understanding of the core business functions and how their technical systems and infrastructure support these. Having established the project deliverables, GD data specialists assessed the existing dataset and formulated a strategy around cleansing and categorisation.

Concurrently, the team met with various end user groups to establish specific requirements from a reporting and analytical perspective. At this point, an ILLUMINNATOR system architect developed an appropriate data model, the design of which would be mapped into the ILLUMINNATOR workspace environment.

From a business perspective, the team worked with each user group to develop appropriate end to end workflow, which would be best suited for the complete technical asset portfolio management. This

design was subsequently implemented in the ILLUMINNATOR system architecture.

While our data analysts prepared the original data set for import, the development team worked to create a user interface that would allow business unit personnel to easily interrogate the asset inventory database and extract the information they required. This included views of equipment by location, room and rack, as well general inventory reports showing various systems, configurations, operational status' and availability.

## **Benefits**

- More efficient working by reducing time wasted searching disparate and inconsistent data repositories for key information.
- Creation of a centrally managed database for all sites in an international portfolio of technical infrastructure assets.
- Improved and better informed decision making across diverse parts of the business. Sales teams can easily interpret capacity levels and availability of particular equipment in order to meet customer expectations.
- Operations teams can engage with the system to improve ongoing service continuity.
- Maximise the value of existing capacity – ILLUMINATOR provides a comprehensive view of what is available and when, ensuring no unnecessary spend is made and the full potential value of the assets is realised.
- Effective control - Governance procedures mapped into the system ensure equipment is maintained, but also checked in and out. This is applied across the equipment life-cycle and also used to manage the end-of service process.

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