

CASE #1 - National Defence stakeholder

Managing an inventory of measuring instruments: implementing a search engine & asset management

#Challenge

For more than ten years, **Trescal** has been a **service provider** managing calibration operations for a French Group operating in the defence sector. On the advice of Trescal, the client chose to **optimise its asset management by pooling all the instruments across its various entities**. This meant the French Group bought and pooled all the equipment to sublet it to their various users. This centralised approach **ensured the purchase and use of the instruments** could be streamlined since each entity now had **to justify the use of a device**.

To make processes **efficient**, Trescal developed a **powerful search engine** so that instruments could be located immediately. To ensure the search engine was successful Trescal created a **technical repository** containing the brands / models / options / characteristics of the available devices. The tool enables the client to reduce the number of instruments and usage required to support the businesses resulting in a **direct reduction in associated measuring instruments costs**.

#Summary

For 80% of the managed equipment



months of work



technical experts mobilised

48 000

out of 60,000 electrical measurement instruments documented

Due to the experience and knowledge of the Trescal teams, this resulted in:

- > A database with an unparalleled level of technical information that was set up in less than 18 months.
- > A process optimisation approach that reduced the ownership costs of the measurement instruments.

The client appreciated Trescal's advisory role, its expertise and the daily involvement of its technical and operational teams.

#Response provided

The system implemented includes a **repository and search engine** for 60,000 instruments, considerably reducing time required to identify and locate equipment. Trescal suggested a **categorisation** that denoted the main characteristics of the measuring instruments, irrespective of their hardware and software configurations which meant they could be integrated into a standardized reference system.

Trescal developed an **IT tool** that enabled the client to **fully manage** their assets by **optimising the use of equipment** and the **associated maintenance and metrology operations**.