

To meet the needs related to the use of increasingly widespread **geographic information systems (GIS)**, the TOPKAPI SCADA software provides in all its versions the support of **WMS functions (Web Map Services)**, complying the standard published by the OGC, Open Geospatial Consortium.

REQUIREMENT

In all applications involving remote devices geographically dispersed, technical information acquired through SCADA systems are correlated to **maps information**. Maps information change permanently and, rather than updating repeatedly the SCADA system (TOPKAPI supports import of DXF and MID / MIF file type), it is appealing to obtain them directly in **real time** by a request to a referent geographic information system (GIS).

SOLUTION

With its new WMS functions, TOPKAPI displays onto a graphical view both the animated items featuring the data acquired and a **map or a network view obtained from a GIS**.

This applies to all applications monitoring **distribution networks** (electricity, gas, water, sanitation, telecommunications and so on.), but also - in conjunction with the automatic acquisition of GPS position - to the management of mobile fleet and operators on duty (for example DATI, alarm devices for isolated workers).

The WMS standard can be used with most major GIS products such as Arc GIS, Autodesk, Map Info, Star Apic, etc.

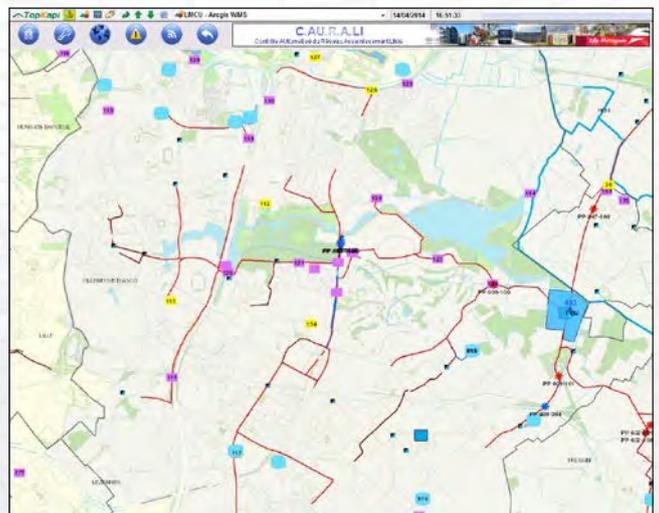
TOPKAPI can **select in a WMS server the layers to be displayed**, and **superimposes on the image provided its own objects** with conventional control / command features.

When creating applications, TOPKAPI allows **automatic generation of the related devices** and their associated variables processing thanks to its SOFTLINK wizard and / or by importing the parameters of blocks provided by DXF files.

Please contact us for an online demo.

KEY BENEFITS

- Maps always up to date
- Selection of data displayed by layers
- Zoom In/Out
- Details displayed according to zoom level (DECLUTTERING)



Concrete example with Lille Metropole's application:

www.topkapi-scada.com/en/SCADA/SIG-ArcGIS-LMCU