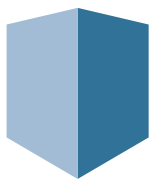


# PATCH MANAGER GIS Extension

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**PATCH MANAGER**  
infrastructure management software

## Contact information:

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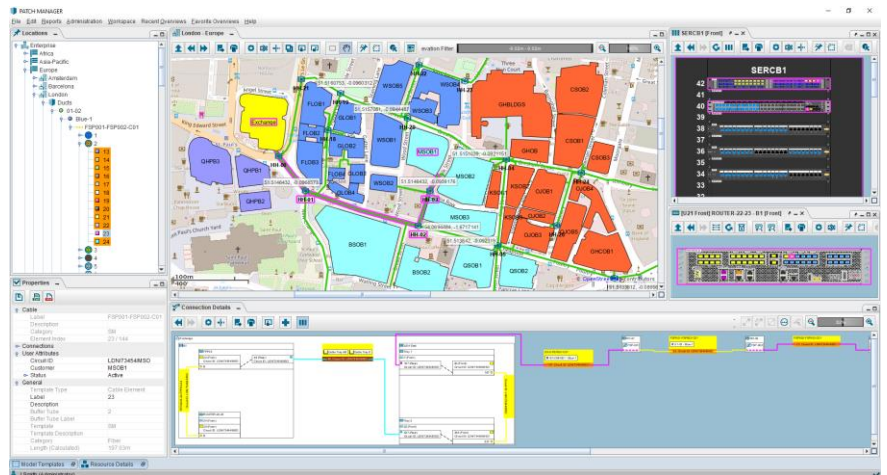
# PATCH MANAGER Geographic Information System (GIS) Extension

By automatically integrating geographical maps into the PATCH MANAGER graphical interface, the PATCH MANAGER GIS Extension seamlessly allows the infrastructure objects of your outside plant fiber network in PATCH MANAGER to be represented according to their GPS coordinates.

With flexible map integration capabilities, you can either retrieve maps dynamically from map servers or load static images, such as campus or industrial terrain plans. PATCH MANAGER supports the following map services (both internet or private servers):

- Open Street Map
- ESRI® ArcGIS®
- Web Map Service (WMS)
- Web Map Tile Service (WMTS)
- Google Maps™

PATCH MANAGER supports any coordinate reference systems that are featured in the EPSG Dataset. Position and feature data in PATCH MANAGER can be easily interchanged via CSV, KML or GeoJSON format, either manually via the PATCH MANAGER GUI or automatically via the PATCH MANAGER REST API.



*PATCH MANAGER end-to-end connection*

## Key Features of the GIS Extension

The PATCH MANAGER GIS Extension can be instrumental for the management of campus, city or inter-city outside plant physical assets and cabling. The key features are:

- GPS position representation of:
  - Locations such as buildings and manholes
  - Network assets such as splicing equipment
  - Conduits and cables
- Conduit and cable length calculations
- Connection attenuation calculations
- Pinpointing distances along a connection (for example, to use with OTDR trace results)

For more information on the GIS Extension, [request a personal online demo!](#)