GIS PORTAL RACKS

Integration of Equipment Racks in the Geographic Information Service (SMB/SE)
Functionalities

- Search
- Add data
- Table of contents
- Tools
- Links
- Extract data
- Report an Error
- Racks in “Planothèque”
- Databases synchronisation
Search:

- Racks & Power Converter
- Magnets
- Electrical equipments
- IT Outlet
- IT Device (Equipment connected to network)
- Building
Add data:

- CERN data
  Network, Racks....
Table of contents:

- Layer options
- Layer order
Rack Inventory Situation

Rack_Inventory_Situation
Racks by unit
Tools

- Print
- Info
- Navigation
- Measurement
- Drawing
- Maps
- Floor slider
Tool Info

Links DB:
- MTF/EDMS
- Layout
- CCDB FEC's & BE-CO cables
- IT Network
- Power converter
- Infor EAM
- EAM Light
- Direct GIS Link
Extract data

- All layers
- Racks by unit
- Select a tool
- Select racks
- Results
Extract data

Results

• Delete (To delete a row selected)
• Fields (To select the columns)
• Tools (To export data in CSV & HTML)
Report an error
Racks in Planothèque

Add data:
- CERN data Racks....
Print

Select the size A4 => A0

Generate PDF

Download PDF (It can takes few minutes)
GIS Data Process

"Demande d'installation de cables"

- EN/EL Cablothèque
  - Gesmar
- InforEAM
  - GS/ASE
- Equipment groups DB
- CCDB BE-CO
- Diamon BE-CO
- NETWORK DB IT-CS
- GIS DB GS/SE/DOP
- TE/CRG
  - EN/CV
  - GS/ASE
  - CCDB BE-CO
  - NETWORK DB IT-CS

**Layout DB**
- Layout core tables
  - Combine with already existing layout data
  - Sync to Layout on demand
- RACK IMPORTS
  - Staging table
- GIS info Panel View
- Sync to Layout on demand
- Update LAYOUT_ID or create new rack
- Not yet automatic
- Import API running daily or on demand
- Match GIS Shapes with Layout data using Labels & LAYOUT_ID
  - Automatic since April 2014
- Provide rack data to GIS
- Match IT sockets in racks

Rack responsible
Rack modification…
TO BE DONE
TO BE DONE
TO BE DONE

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GIS Portal Racks

https://gis.cern.ch/gisportal/Racks.htm