

4.58. Analyst - Querying data

Id	4.58.
Description	As an Analyst , I need perform advanced queries on the available data, So that I can extract specific datasets for further analysis.
Priority	High
Actors	Analyst
API Calls	GET /analyst/access-control-procedure-types GET /analyst/organisation-types GET /analyst/organisations GET /analyst/addresses GET /analyst/site-types GET /analyst/sites GET /analyst/block-types GET /analyst/blocks GET /analyst/unit-types GET /analyst/units GET /analyst/equipment-types GET /analyst/equipments GET /analyst/physical-link-types GET /analyst/physical-links
Linked Processes	
Status	Implemented

Preconditions

1. The User must be authenticated and have the **Analyst** role.

Postconditions

1. The System returns the request data.

Main flow

1. The **User** triggers the retrieval of vertical cabling data via the APIs (GET) and adds the needed filters or search queries to the request.
2. The system returns the data that corresponds to given search/filters.

Exceptions

[400 Bad Request] Invalid input:

If mandatory fields are missing or invalid, the system returns an error message.

[500 Internal Server Error] System Error

If the system fails to save changes due to an internal error, it displays an appropriate message and logs the error for further investigation.

Revision #2

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