

// PRODUCT SHEET

# Query Editor



- Generating queries
- Generating Reports

- Database connection
- Report jobs

- Exporting reports
- Report publishing

## // Query Editor

The Command module *Query Editor* is used to define your own database queries based on freely-generated reports. The data access can be to one's own Command database using a defined meta-schema. It is also possible to access external databases.

The reports created in Query Editor can be published in other Command functions and then performed automated using jobs.

Report: Device/Zone/Contract

**Header data**

**Report name** Device/Zone/Contract

**Description** Report - 07-07-2010 - Devices, Zones & Contracts

**Database connection** DEFAULT

**Report data**

6 records

Attribute	Entity	Label	SR - order	Column	Sort	Sequence
VISIBLE_ID	union_Device1		1	1	▲	1
ID	CONTRACT	Contract ID		2	—	2
CAMPUS	ZONE	Campus		3	▲	2
BUILDING	ZONE	Building	2	4	▲	3
FLOOR	ZONE	Floor		5	▲	4

**Search restriction**

**Report publication software unit**

**Report publication user groups**

**Report job result**

**Report job date / serial pattern**

**Report job serial pattern**

**System attributes**

Buttons: Report publication, Report job, Modify, Close

Report: Device/Zone/Contract create job

Define result

Define date

Define serial pattern

**Execution**

Daily

Last day in month

Select days

All

1.  9.  17.  25.

2.  10.  18.  26.

3.  11.  19.  27.

4.  12.  20.  28.

5.  13.  21.  29.

6.  14.  22.  30.

7.  15.  23.  31.

8.  16.  24.

**Select weekdays**

Monday  Tuesday  Wednesday  Thursday

Friday  Saturday  Sunday

**Time (hh:mm:ss)** 6 : 30 : 0

Buttons: Backward, Forward, Finish, Reset, Cancel

## // Database connection

The Database Connection function allows database connections to be established, edited and deleted.

## // Report

The Report function is used to perform the actual, freely-defined database queries in the form of report generations using the assignment of entities (views) and their relationships, through to the selection of the required

The „Administrator“, „User“ and „Publisher“ actors are assigned different access rights to operate the individual functions of the Query Editor.

attributes, and filter criteria and definition of the search result.

A wizard leads the user step-by-step through complex work processes. The wizard so provides help for the completion of the dialogs and for the creation, editing and publishing of reports.

### // Report-publishing

The Publish Report function allows created reports to be published for use by other users; this means they can be assigned to various software units within Command. A decommissioning of those reports that are no longer required serves to deactivate published reports.

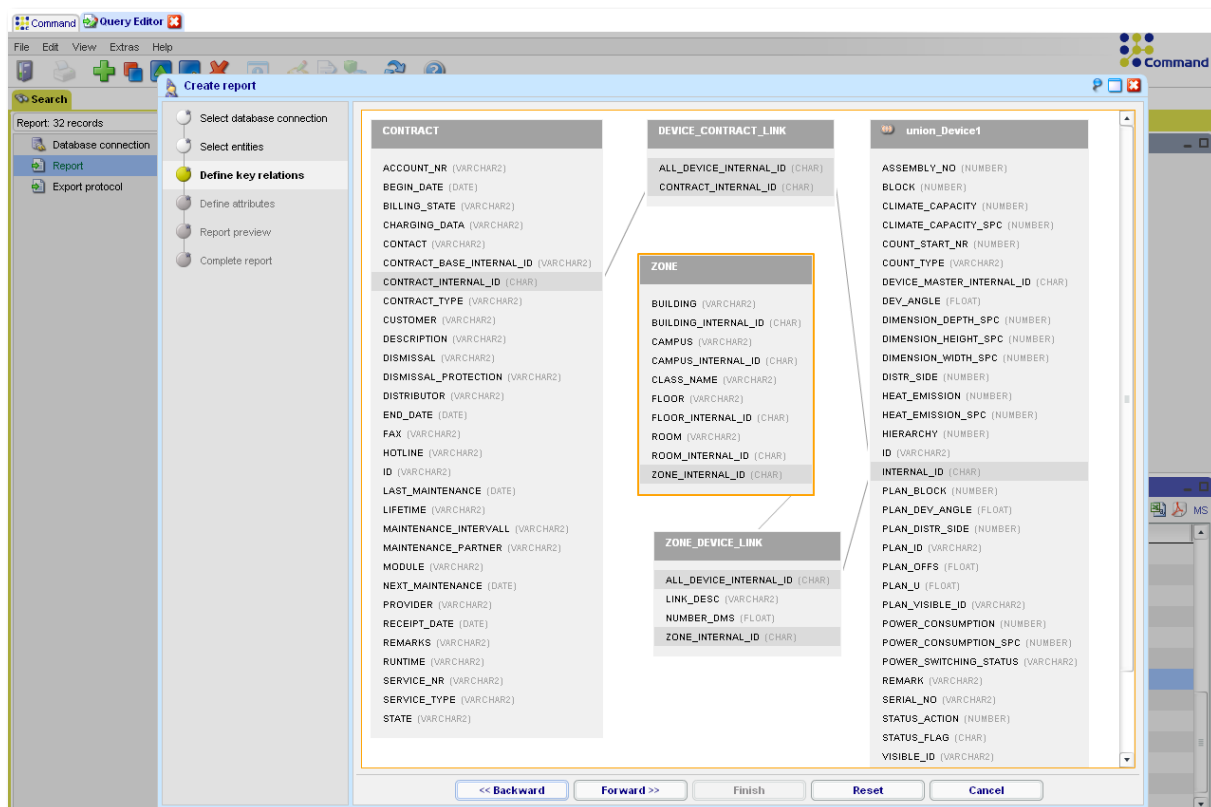
Report Job sends the report result to an e-mail recipient or saves the report result in a defined directory.

### // Output

The results of a report can be output as table in Command (Flash), as HTML page, in XML format, and in Excel or CSV format.

### // System requirements

The use of Query Editor requires the C base Command base package.



### // Report Jobs

Report Jobs is used for the automated generation of reports using time-defined jobs. The time setting is made dynamically and can be specified hourly, daily, weekly, monthly and yearly using calendar modules and execution definitions. Report jobs can be created, changed and deleted. A wizard for the user prompting is also integrated here.