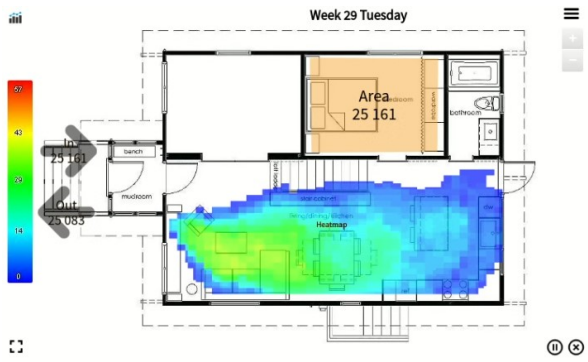
sMart Data Warehouse 5.0 Highlights

New functionalities of the latest sMart Data Warehouse release

TIME-LAPSE FOR MAPS

See how customer behaviours change over a period of time

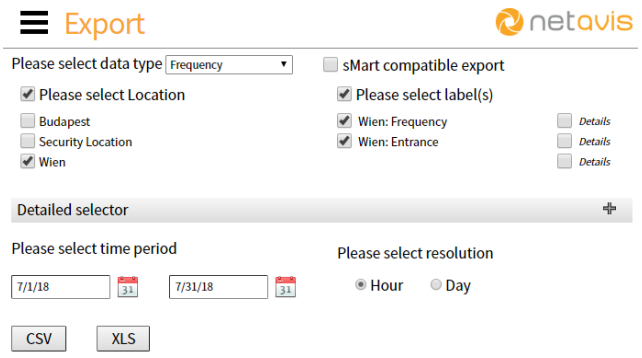
Since its initial integration in sMart Data Warehouse 3.0, it has been possible to include heat maps from Netavis Observer in dashboards, data analytics, and reports. With the newly added time-lapse feature users can now see how customers' behaviours (movements, stops, stopping time, speed) change over a selected time period. For additional context the data of all spots on a map is also updated with the values from the corresponding period. Additionally, there is now a built-in export in dashboards and data analytics to download maps as PNG or JPEG files.



CENTRAL EXPORT

Export any data stored in sMart Data Warehouse

Data stored in sMart Data Warehouse often serves as input for further analysis in different systems. Up to now this required viewing the desired data in data analytics for individual locations and then exporting it without any further options. In order to simplify such situations a new central export section was created. This feature allows users to easily select the desired data type, locations, timeframe, and resolution and then export all the data as CSV or Excel files.



GENERIC DATA IMPORT

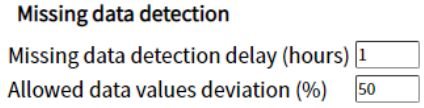
Import data from new data sources

It is now possible to import Age & Gender, NPR, VMS, and Wireless data in a simple CSV-based format. This makes it easy for partners and end-customers to import data from other sensors or systems which are not currently integrated in sMart. In combination with the aforementioned Central Export this also allows users to export data from sMart, process it in other tools, and then re-import it.

SYSTEM OPERATIONS

Receive notifications for sensor anomalies and other system operations improvements

In order to improve system operations, sMart 5.0 notifies the administrators when the data for a sensor is not available, or when there is a significant deviation from the average of past values, which are normally provided by a sensor. Such situations almost always indicate some issues with a sensor's connection or general operation. Additionally, the system now detects when the direct connection to a Netavis Observer system is unstable. In situations where the data is indeed missing, recalculation or replacement has been sped up considerably. There is a new option available for the weather data, which allows to configure the average or maximum temperature of a given location. Finally, the configuration of the Netavis Security Cockpit was made easier by automatically grouping VMS event types within a label.



DATA SOURCES

Currently integrated data sources of sMart Data Warehouse

NETAVIS iCAT Video Analytics

NETAVIS iCAT NPR CarReader

NETAVIS VMS Statistics

Hella 3D (APS-90, APS-180)

Libelium Meshlium (Bluetooth, Infrared, WLAN)

Generic Age & Gender, Frequency, NPR, VMS, and Wireless

Publicount

Telsec

Vivotek 3D (SC8131)

Xovis 3D Sensoren

Novatec

PECO (Bluetooth, Infrared, WLAN)