



Viasurveillance is a solution for monitoring a display network.

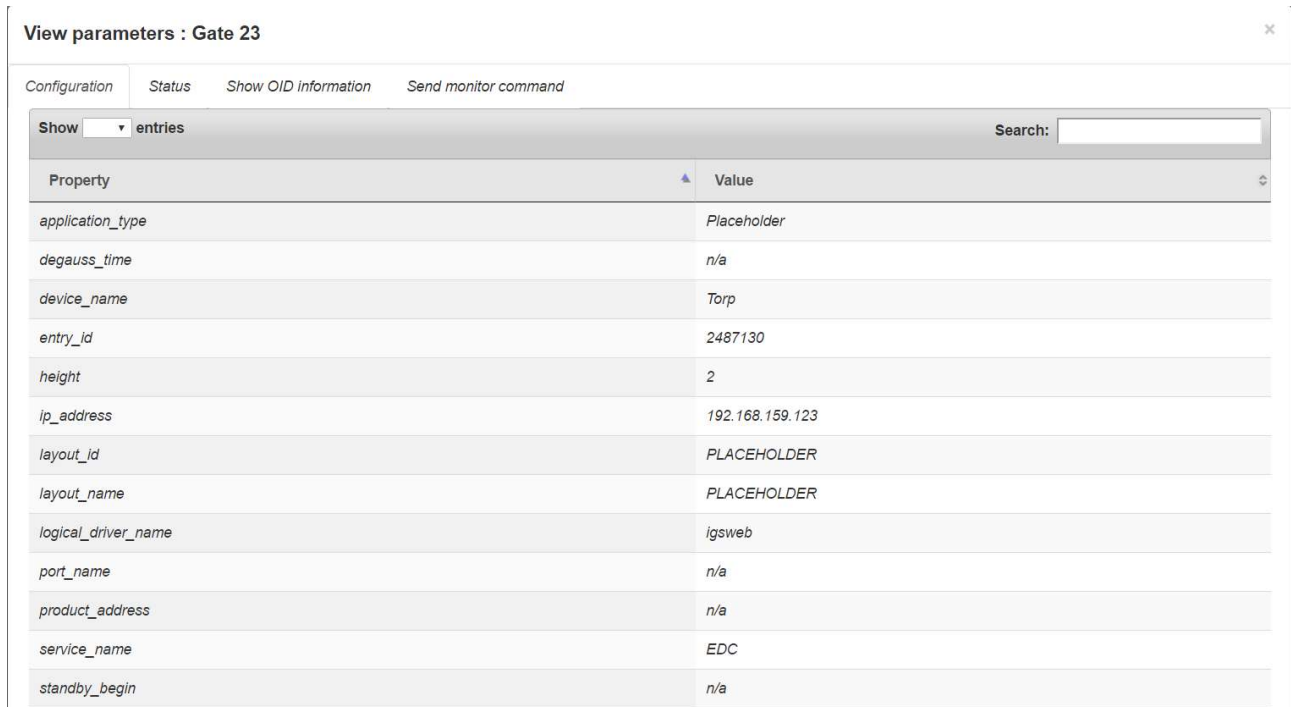
The program can monitor any device in a tcp/ip network that has an SNMP agent. The program is used to give operators and maintenance people an overview of the status and healthiness of the monitored devices. For display devices, it is also used to show a mirror of what is show on the monitor in real time.

The screenshot displays the Viasurveillance software interface. On the left, a network tree is visible under the name 'Torp'. The tree includes several levels of monitoring points, such as 'Check-In Area' (Innsjekk 3-13), 'Terminal' (Departure Dom., Departure Sch., Departure Int., Arrival Dom., Arrival Int.), 'Belt 3', 'Belt 4', 'Bag Info Taxfree', 'Info v/Taxfree', and 'Demo' (Summary Demo, Gate Demo). On the right, two browser windows titled 'MIRROR - Google Chrome' are shown. The top window displays a real-time mirror of an airport display for flight IB8980 to Toulouse at 13:55, with a temperature of 25°C and a boarding status. The bottom window displays a flight schedule table with the following data:

Time	Destination	Flight	Gate	Remarks
1340	New York/JFK	AA106	8	Gate closed
1350	Madrid	IB3112	9	Boarding
1355	Toulouse	IB8980	4	Boarding
1400	Nice	IB8764	11	Go to Gate
1405	Helsinki	AY3198	12	Go to Gate
1405	Barcelona	IB3326	13	Go to Gate
1420	Moscow/DME	IB3154	15	
1420	Wien	IB3590	14	
1430	Chicago O'Hare	IB6292	16	
1435	Brussel	SN3136	17	

The network tree can contain any number of levels. The icons are defined by the user. The network tree is defined in configuration mode.

Here is an example of the parameters fetched from a monitor.



Property	Value
application_type	Placeholder
degauss_time	n/a
device_name	Torp
entry_id	2487130
height	2
ip_address	192.168.159.123
layout_id	PLACEHOLDER
layout_name	PLACEHOLDER
logical_driver_name	igsweb
port_name	n/a
product_address	n/a
service_name	EDC
standby_begin	n/a

The collected alarms are stored on the database and deleted again after a user defined number of hours or days, only limited by the disk space allocated to the database.

The operator can have any number of mirrors open at a time.

On one selected monitor, it is possible to scroll back in time and have an exact look of what was shown on the monitor at that time.

Software distribution

In administration mode the program may be used to do a controlled upload and reboot of attached devices. The upload may even be postponed to run during the night. To upload a new software one can select any number of devices in the device tree and then start or postpone the upload. Before upload is started, it is possible to inspect the version of the current software.

It is at any time possible to see the result of the last upload. An upload of a new image to 50 monitors scheduled to run during the night may be inspected in the morning to see if any uploads failed.