

# WE CREATE SOLUTIONS



## MorgueControl 36 – Your Premium Solution for Morgue Controlling

Cool, freeze, defrost and control your morgue cooler at any time, from any place and through any operating system!













**KUGEL**  
*medical*  
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Constant temperatures are crucial for cadaver cooling. Why not have a tool that enables you to cool, freeze, defrost and control the temperature of your morgue cooler 24/7 in real time from any place of the world\* through almost any operating system?

On top of that you will be even able to reduce your energy expenses, create reports and statistics and react immediately to errors, failures and alarms thanks to the PUSH notifications!

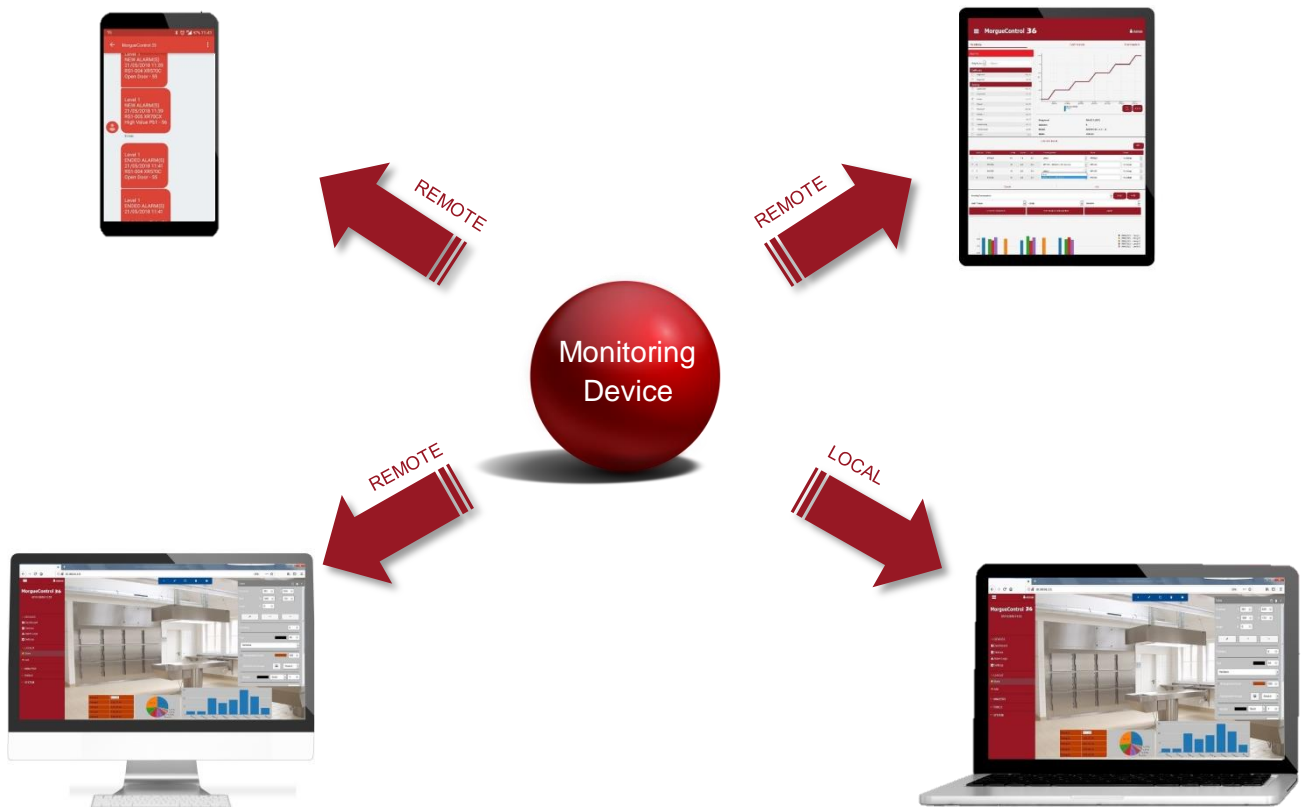
MorgueControl 36 is not only suitable for pathologists themselves but also for their maintenance companies.

- |   |   |   |                                  |
|---|---|---|----------------------------------|
|    | Cost saving   |    | Eco-friendly                     |
|    | Accessible from everywhere (optional*)  |    | Control your morgue in real time |
|   | Compatible with every operating system  |   | PUSH notifications               |
|  | Create reports and statistics   |  | Work optimization                |
|  | Dashboard available in 7 languages (standard: German, French, Italian, English; optional: Arabic, Russian, Chinese) |  | BMS connectivity (optional)      |



\* Small Form Factor (SFF) PCs, such as touchpads with TeamViewer are necessary for worldwide access to MorgueControl 36.

## *Responsive Design and Web Interface*



Thanks to its responsive design, the web interface of MorgueControl 36 adapts to the respective size of your computer, tablet and smartphone display. Personalize your settings to your needs and even receive PUSH notifications to your smartphone in case of errors and temperature changes – *control your morgue 24/7 from any place of the world\**

Our scope of delivery includes a preconfigured dashboard of the morgue refrigeration unit you ordered with us.

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*Choose: Preconfigured Dashboard...*

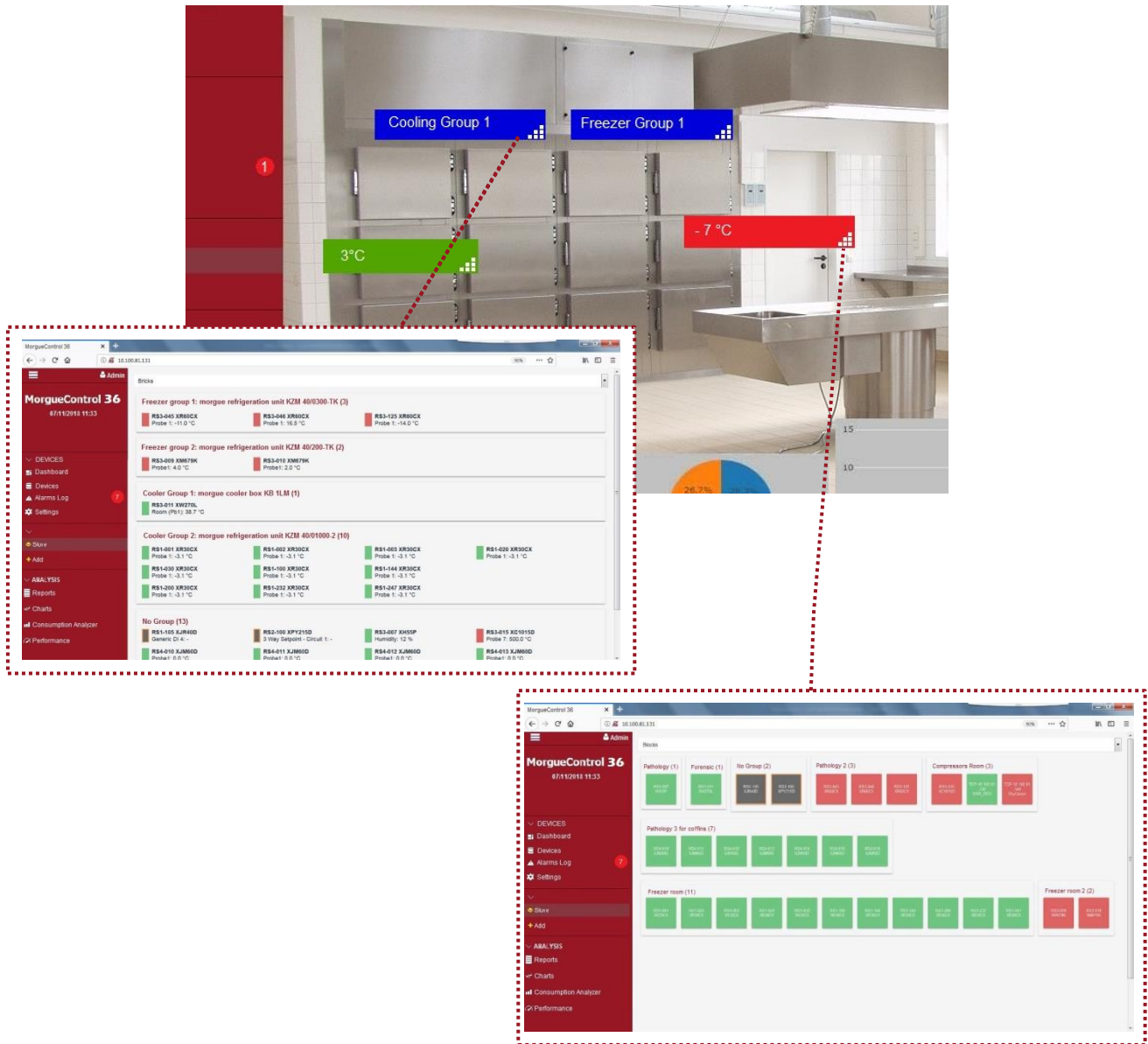


We will set up your dashboard with the morgue refrigeration unit you ordered with us.

Label them individually and set your analysis parameters like temperature display (even with colored highlights like green for “everything’s alright” or red for anomalies), power consumption, temperature fluctuations, etc. for constant display on your personal MorgueControl 36 homepage.

Your labels and temperature marks are linked with your dashboard to obtain *detailed information on what’s going on in your morgue!*

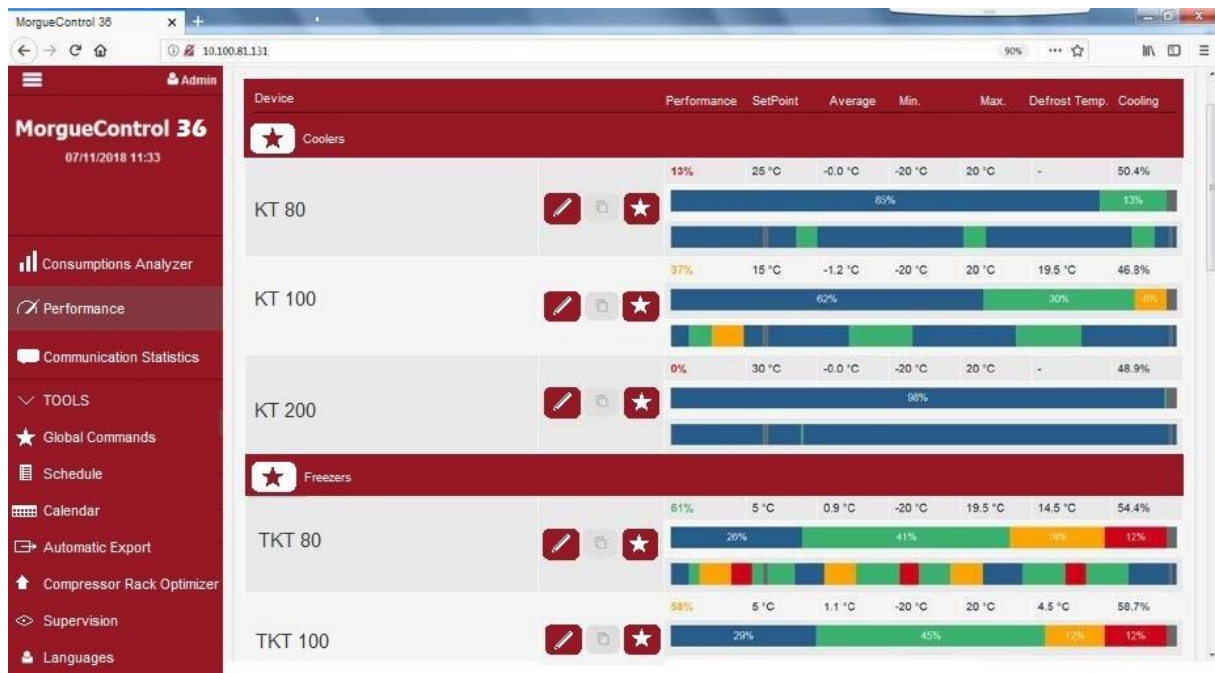
*...or Customize your Dashboard*



Upon request, we will create a customized layout with your very own floorplans and many more of your pathology to visualize all your morgue coolers, freezers and compressors as if you were standing in your morgue.

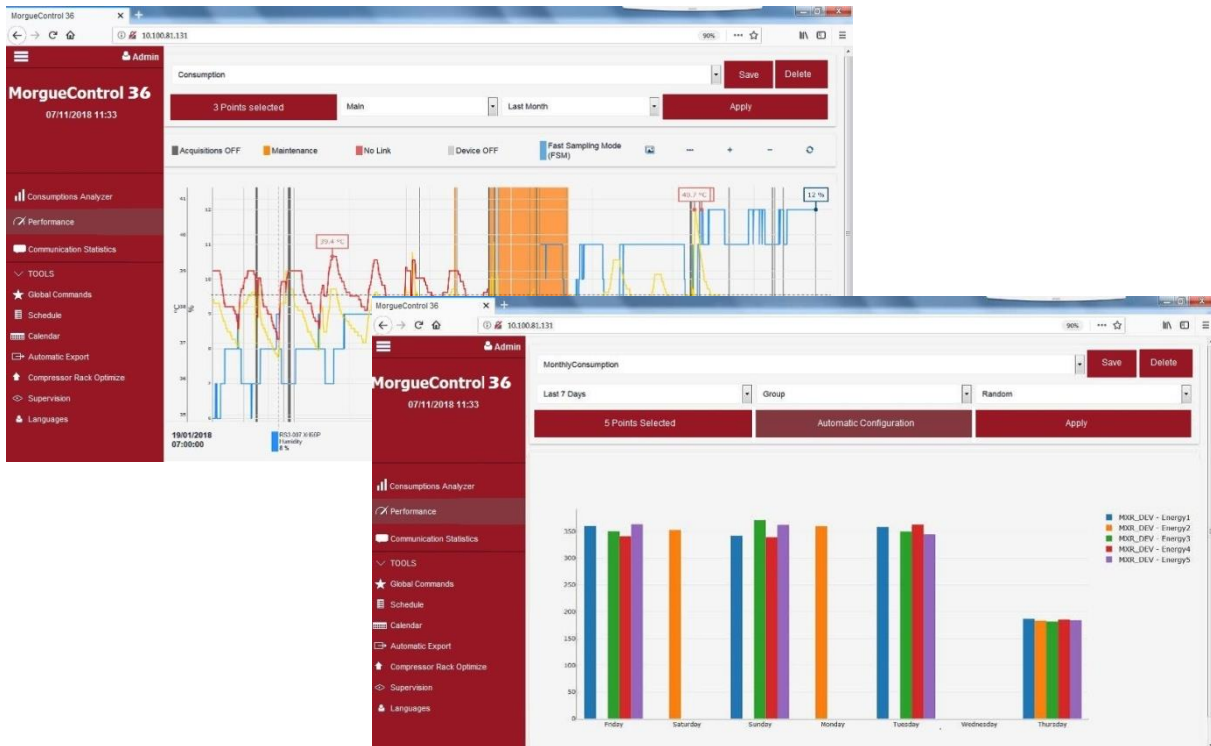
Click on labels to be linked to your dashboard. Create different cooling, freezer and compressor “groups” you would like to monitor, view detailed information on all processes and even give instructions for defrost among other things.

## Monitor the Performance of Your Morgue



Constantly monitor the performance of each device in your morgue. The software allows you to verify the right temperature of single devices. The graphical display offers a complete view of your morgue's performance – *see what's happening while it's happening!*

## *Reduce Your Eco-Footprint while Monitoring Your Energy Consumption*



Maximize your morgue's efficiency, reduce and track your energy consumption and even protect the environment at the same time.

Optionally, you can even take it one step further and monitor for how long the morgue door is kept open by means of a door contact switch.

As an environmentally conscious company, it is always important to us to pass this attitude and way of working through environmentally friendly solutions on to our customers. All of our eco-line solutions are marked with the **green Eco-line cube** and have been designed and developed with a special view to conserving energy and resources while delivering outstanding results!

## Create Reports

The screenshot displays the MorgueControl 36 web interface. On the left is a navigation menu with categories: DEVICES, ANALYSIS, and SYSTEM. The main content area shows two report generation sections: 'Report HACCP' and 'Quality Report'. The 'Quality Report' section is active, showing a report for 'Food Quality Report -- Yesterday' with ID #8007. Below this, a browser window displays a detailed 'Quality Report' for '08.11.2018 14:36'. The report includes a legend for error types (Cold Error, Cold Warning, Hot Warning, Hot Error, Completely missing data, Partially missing data) and a data table with columns for Address, Name, Unit, and temperature readings from 00:00 to 23:00, plus Max and Min values.

Address	Name	Unit	00.00	01.00	02.00	03.00	04.00	05.00	06.00	07.00	08.00	09.00	10.00	11.00	12.00	13.00	14.00	15.00	16.00	17.00	18.00	19.00	20.00	21.00	22.00	23.00	Max	Min			
Banchi BT																															
RS1-041	Armadio Surg...	°C	-23	-22	-21	-21	-20	-22	-22	-23	-22	-23	-21	-22	-22	-23	-22	-22	-22	-22	-23	-23	-22	-22	-22	-22	-22	04.25	9.6	18.40	-24
RS1-042	Armadio Surg...	°C	-23	-22	-22	-22	-23	-22	-22	-23	-22	-23	-21	-22	-22	-23	-22	-22	-22	-22	-22	-23	-23	-22	-22	-22	-22	04.30	9.0	18.25	-25
Banchi TN																															
RS1-011	Mur Basso LS	°C	0.0	0.2	0.2	-0.1	0.0	-0.3	0.2	-1.9	-2.3	-2.1	-0.8	-1.2	0.3	-0.4	-0.9	-1.6	-1.0	-1.7	0.2	0.0	-0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RS1-012	Tradic. Gastro...	°C	0.1	0.2	0.2	0.1	0.0	-0.2	0.1	-0.1	0.2	-0.1	0.2	0.3	0.0	0.1	0.5	0.1	0.6	0.2	0.4	0.0	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RS1-013	Tradic. Gastro...	°C	0.9	0.6	1.2	0.7	0.0	0.8	0.5	1.1	0.8	1.0	1.2	1.1	1.3	0.8	1.2	0.8	1.2	1.1	0.6	0.8	1.1	0.8	0.8	1.1	0.8	0.0	25.49	03.05	-2
RS1-014	Tradic. Gastro...	°C	-0.9	-1.1	-1.2	-1.2	-0.8	-1.5	-1.1	-1.3	-0.4	-1.1	-1.0	-1.2	-1.3	-1.3	-0.7	-1.0	-1.2	-0.9	-0.8	-0.5	-1.1	0.0	0.0	1.0	11.50	7			
RS1-015	Rivoluzione 5	°C	1.0	0.4	0.4	0.2	0.0	0.0	0.5	0.3	1.1	1.1	1.1	0.8	0.3	1.1	0.4	0.8	0.0	0.0	0.8	0.8	0.4	0.7	0.0	0.0	10.40	4.0	53.30	-3	
RS1-016	Murale Basso...	°C	0.8	0.4	0.2	0.2	0.8	0.1	0.1	-1.2	-1.8	-0.3	0.0	-0.8	0.3	-0.2	-0.8	-0.6	-1.0	0.2	-0.1	0.0	0.5	-0.3	0.1	0.3	0.0	3.0	08.43	4	
RS1-017	Tradic. Carni 7	°C	0.8	0.4	0.5	0.6	1.0	0.8	0.8	0.1	0.6	1.0	1.0	0.8	0.2	0.2	0.6	0.7	0.7	0.3	0.2	0.6	0.4	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RS1-018	Murale Lettic...	°C	0.5	-0.1	0.6	0.1	0.1	1.1	4.3	0.1	0.4	0.9	1.0	0.6	0.3	2.5	4.8	0.4	0.6	0.4	0.4	0.9	-0.0	2.6	2.9	0.5	14.20	6.9	18.20	-5	
RS1-019	Murale Lettic...	°C	2.4	1.8	2.5	2.4	5.3	2.7	2.7	2.4	2.2	3.0	2.8	2.4	5.8	2.6	2.1	2.4	1.9	2.2	2.5	0.0	3.2	1.9	2.8	13.00	9.7	05.10	-1		
RS1-020	Murale IV Ga...	°C	6.2	6.2	6.3	6.0	6.2	5.8	6.2	6.1	6.2	6.1	6.2	6.0	6.3	6.5	6.7	6.6	6.7	6.8	6.3	6.7	5.8	6.3	6.7	5.8	11.35	8.6	01.50	3	
Celle																															
RS1-031	Cella Carni Ro...	°C	0.3	0.8	0.7	0.7	0.8	0.6	0.4	0.8	0.8	0.9	0.6	0.7	0.3	1.5	1.8	0.9	0.9	1.0	0.8	0.8	0.0	0.9	0.9	0.9	16.10	6.0	00.00	-1	

Create a quality report of daily temperature values for each device. Anomalies and alarms are highlighted in different colors for greater visibility.

Export, send via e-Mail, print or download in PDF format all of your reports and statistics.

## *Standard Scope of Delivery*

- MorgueControl 36**
- 36 measurement points
  - 1 MorgueControl 36 with software,
  - 1 power cord for electrical connection to European mains,
  - 1 installation guide,
  - removable female connectors (DIN: 2x2 ways, 1x3 ways, 1x6 ways, COOLMATE: 1x7 ways),
  - 1 two-way jumper

## *Optional Accessories*

**External Modem** External SIEMENS Cinterion TC35i Modem with SIM Card for connection between MorgueControl 36 and morgue refrigeration unit. Suitable for maintenance companies, other external third parties and/or connection to external servers/SFF PCs

**Redundancy Switchover System** Redundancy switchover system for 2 refrigeration aggregates. One can be used as a stand-by unit and the second unit will be a duty running unit. The system switches over every 24 hours and will give you 100 % back-up safety, in case of any failure of one of the refrigerator units.

**Boost System** The boost system allows you in combination with the redundancy switchover system to use 2 refrigeration aggregates at the same time to achieve the required cooling temperature faster.

**Touchscreen with stainless steel box** If there is no computer available to use MorgueControl 36, we offer a touchscreen panel mounted to the morgue refrigeration unit.

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*KUGEL medical -*

*Your No. 1 Solution Provider in Pathology!*

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