

Open

Scalable

Multi-Protocol

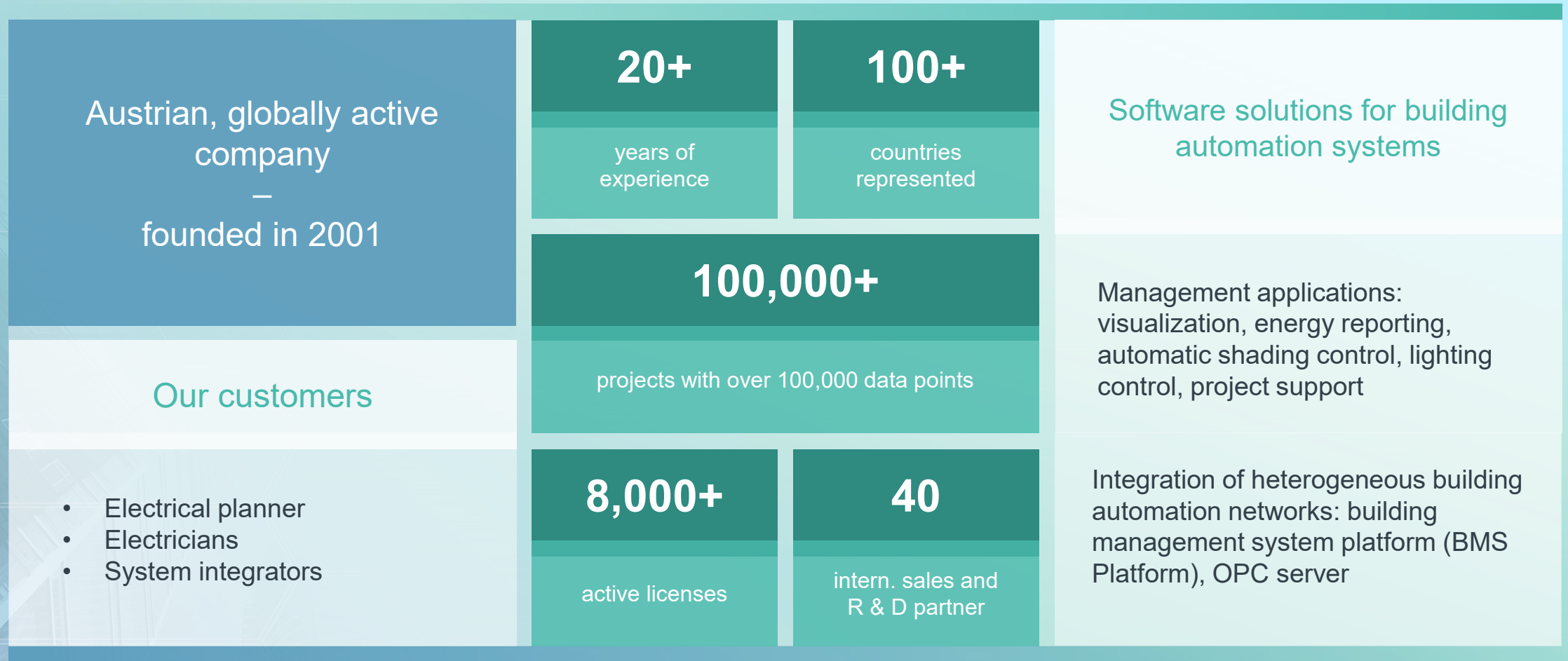
One UI

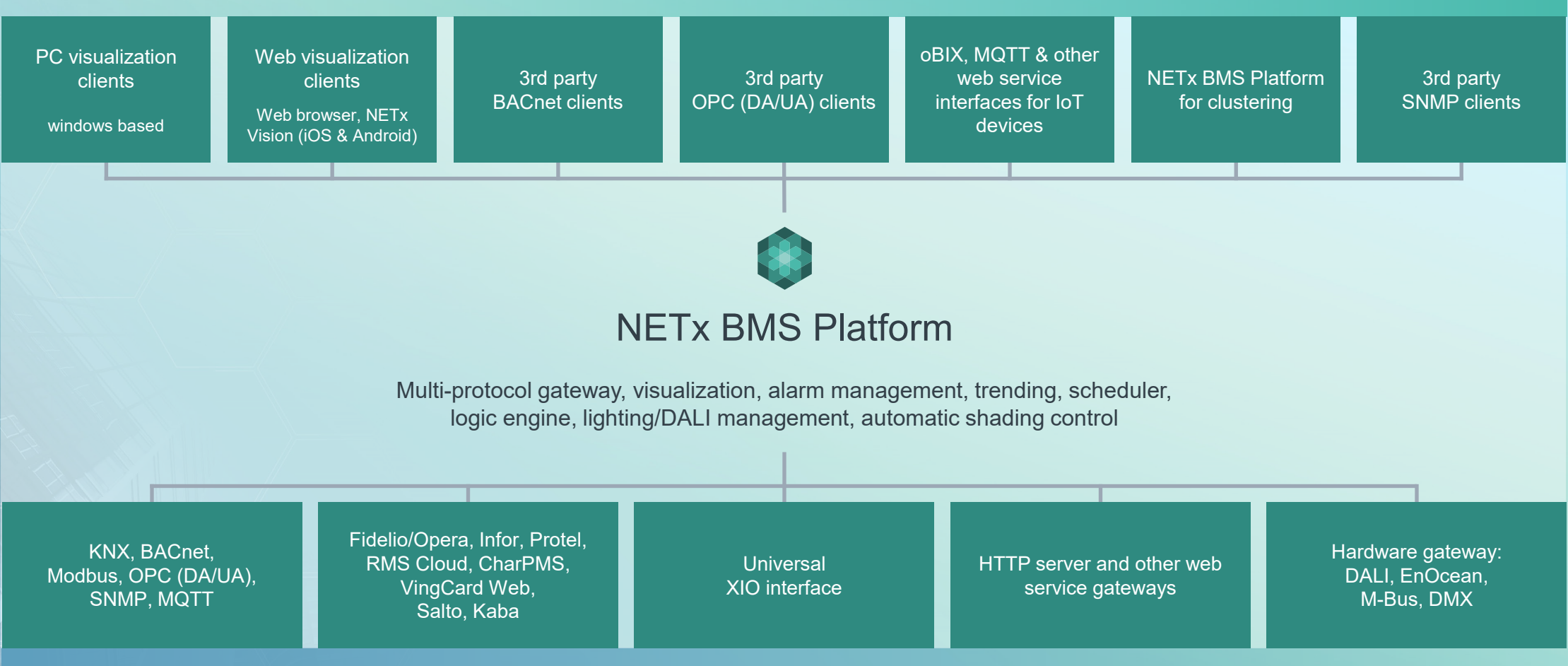
Brand neutral











Data Centre Solution

Building management software for
medium-sized and enterprise building
automation projects





 Alarm management	 Scheduler	 Trending	 Reporting
<ul style="list-style-type: none">• Overview of all alarm states: new, old, historical• Representation according to standard VDI / VDE 3699	<ul style="list-style-type: none">• Define time-based and conditional events• Calendar view for time-based events	<ul style="list-style-type: none">• Saving all data point changes or other storage schemes (COV, sampling, etc.)• View in diagrams and tables	<ul style="list-style-type: none">• Automatic regular report generation possible• Predefined report templates + reporting designer for your own templates and designs
 Metering	 Visualization	 Multi-protocol gateway	 Logic engine
<ul style="list-style-type: none">• Monitor, analyze and process data from smart meters• Predefined reporting templates included	<ul style="list-style-type: none">• Freely designable• Web and / or PC based	<ul style="list-style-type: none">• Bidirectional data exchange between different protocols and technologies• Automatic conversion rules come into effect for different data types	<ul style="list-style-type: none">• Graphic tool for programming function blocks (xLogic Editor)• LUA scripting

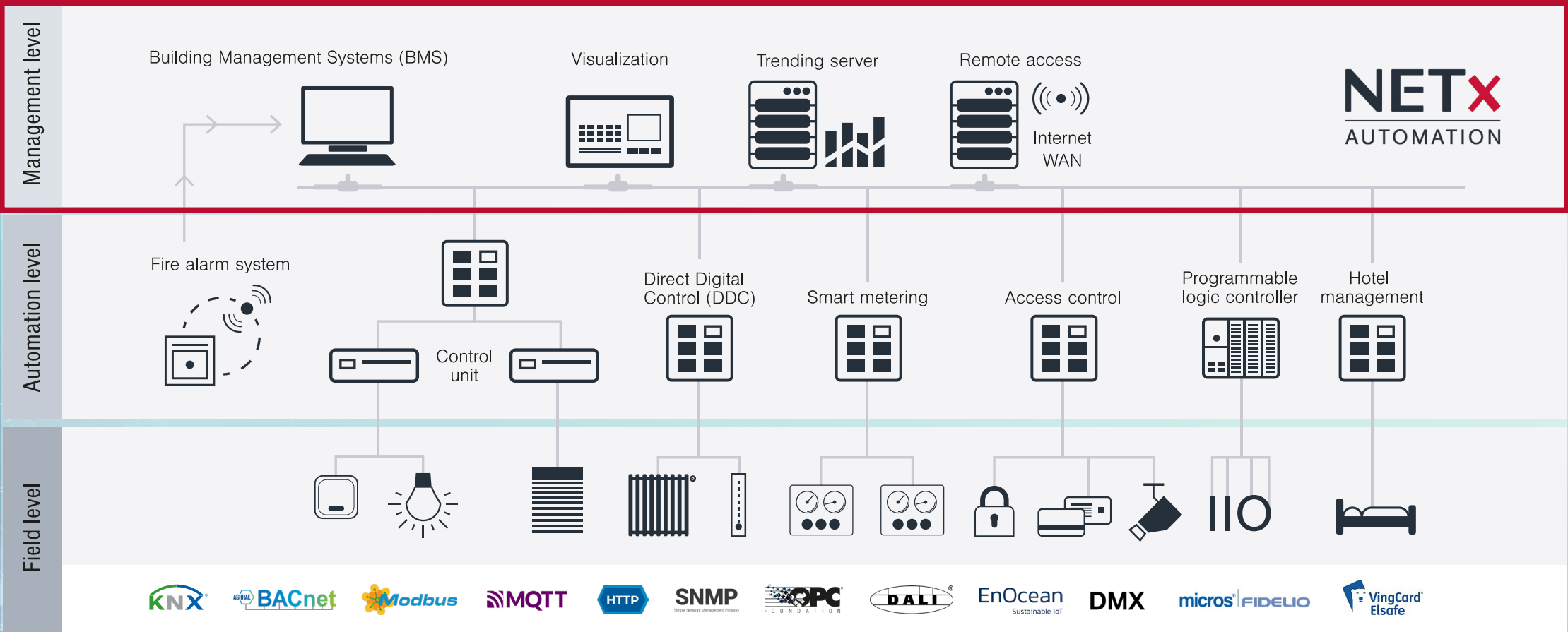
NETx Data Centre solution overview



Solution overview

Performance	Fire Safety & Security system	Visualisation		Infrastructure Management
<ul style="list-style-type: none">• Optimum server performance• Minimum downtime• Alarms/notification/Reports• Preemptive maintenance	<ul style="list-style-type: none">• Integration of FAS system• Trigger to activate scenes e.g shutdown	<ul style="list-style-type: none">• Real time view• Combo of 2D & 3D view• Heat map/power map• Facility management view	<ul style="list-style-type: none">• Support of many devices• User management• Free designable	<ul style="list-style-type: none">• Power supplies/PDUs• HVAC system• UPS & batteries• IT racks• Genset• CCTV
Energy Efficiency	Virtualisation	Environmental Factors	Monitor/Diagnose	Asset Management
<ul style="list-style-type: none">• Lighting control system• HVAC efficiency• Scheduling/trending• Metering solution• Event based settings• Energy consumption reporting	<ul style="list-style-type: none">• 3D/Digital twin• Visual representation of devices• Spatial representation	<ul style="list-style-type: none">• Temperature management• Humidity management• Related Alarms/notification• Logical functions to deal with abnormal condition	<ul style="list-style-type: none">• Device diagnosis• Min downtime• Alarms/notification for failed devices• Email/Telegram notification• Monitor critical parameters	<ul style="list-style-type: none">• Accurate device mapping• Centralized collection of device data• Photos/Videos/Docs at one place• Category filter for easy sorting

System Architecture – NETx BMS Platform

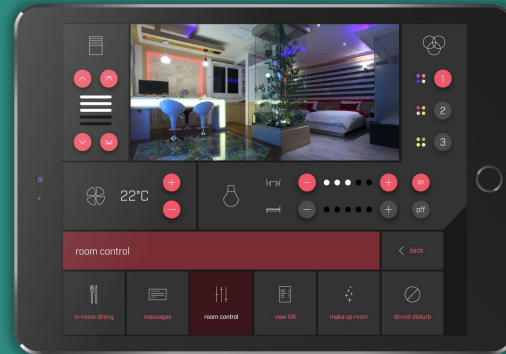


GUI for all users in the building

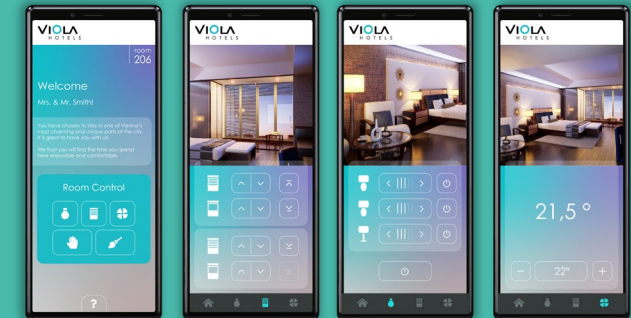
Global



Local



Personal



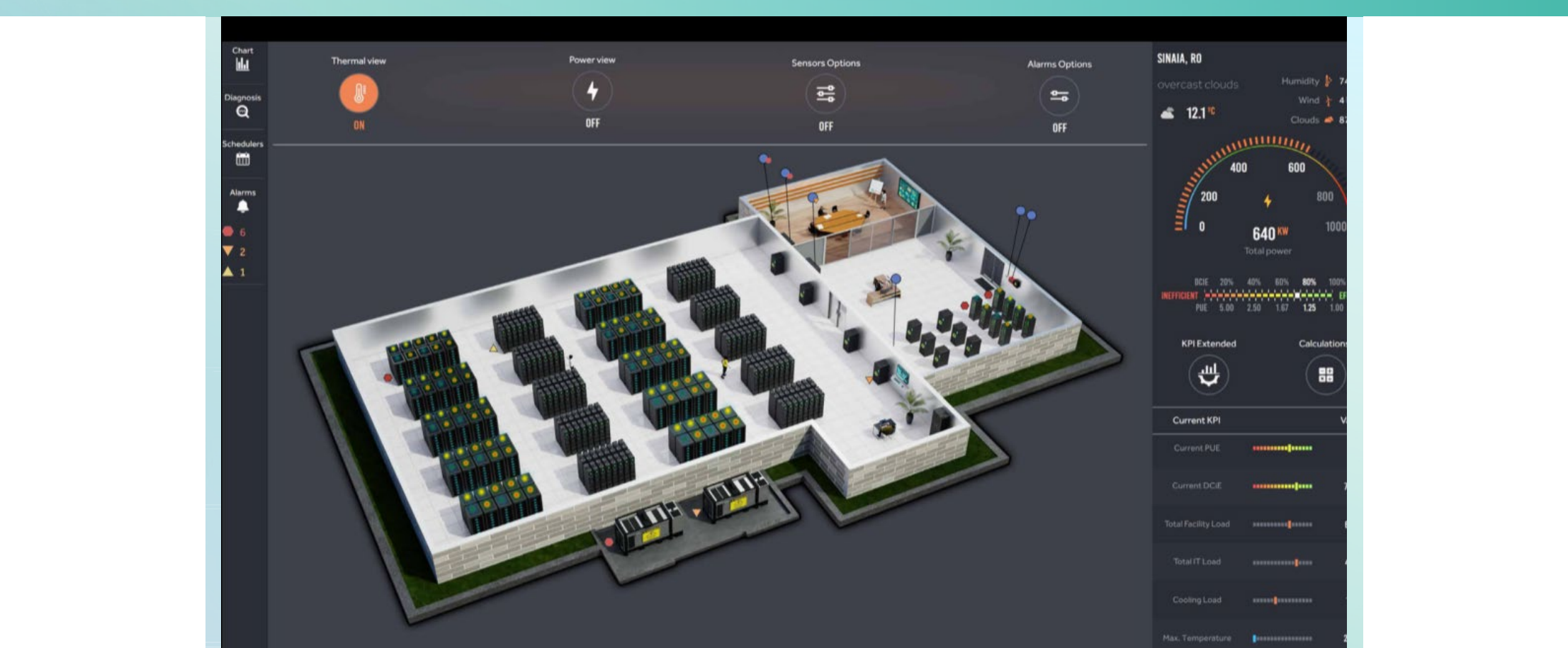


A partnership with NETxAutomation aimed at merging SIMLAB software packages to bring the next-generation professional Building Management System (BMS).

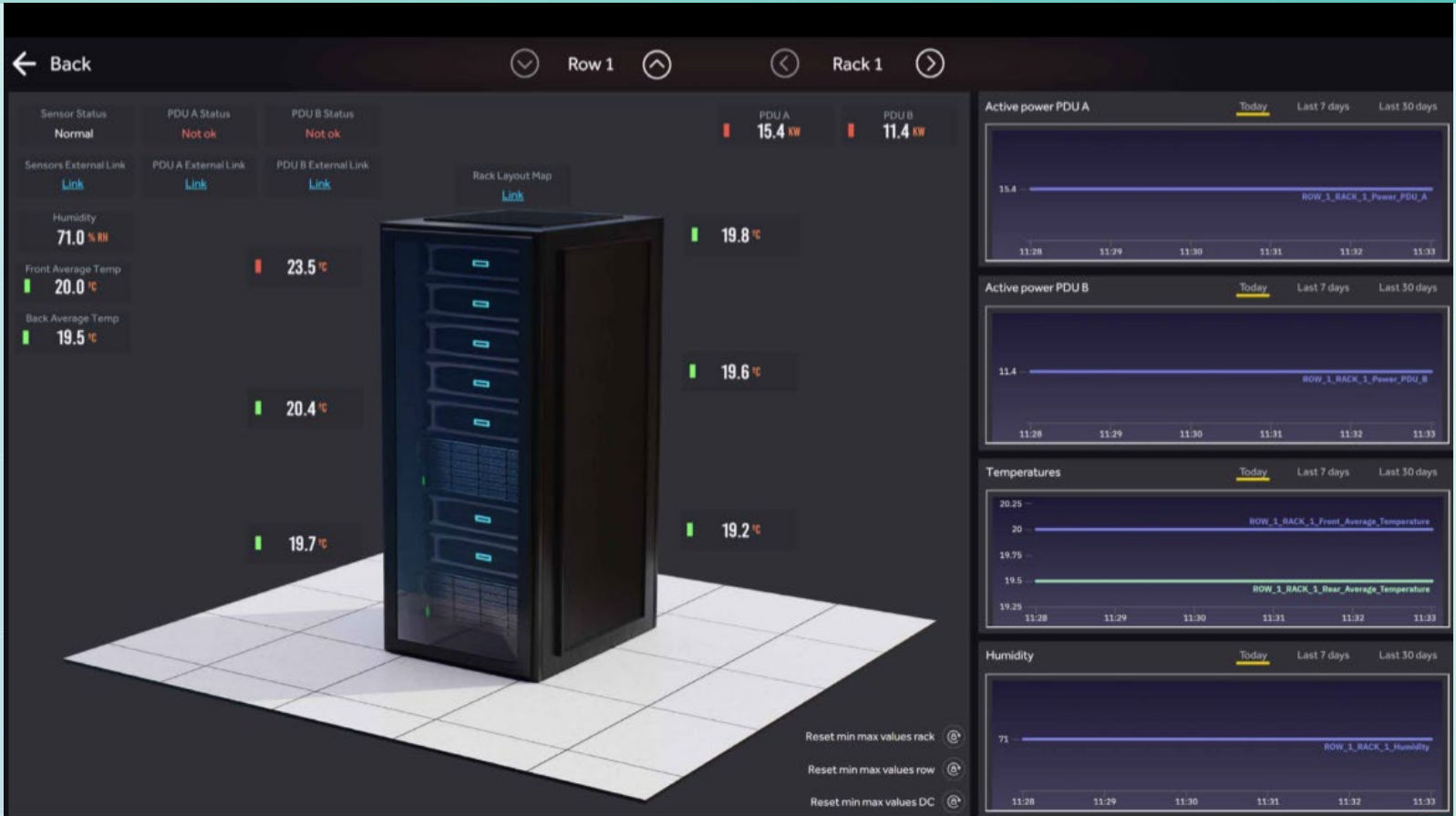
Leveraging the NETx Cloud Portal interface, SIM-ON connects with the KNX ecosystem, as well as other BMS standards.

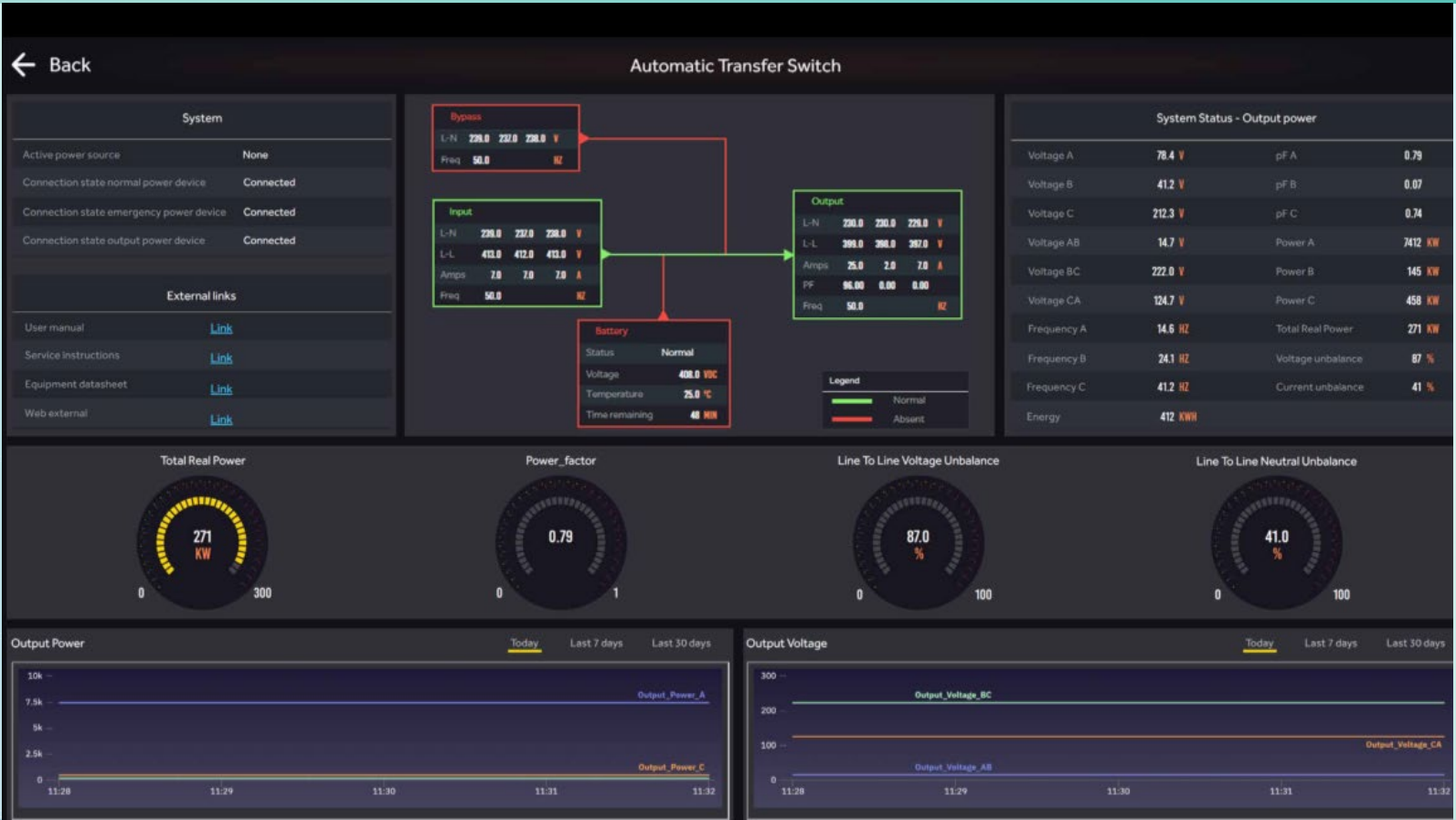


Real time view of the DC

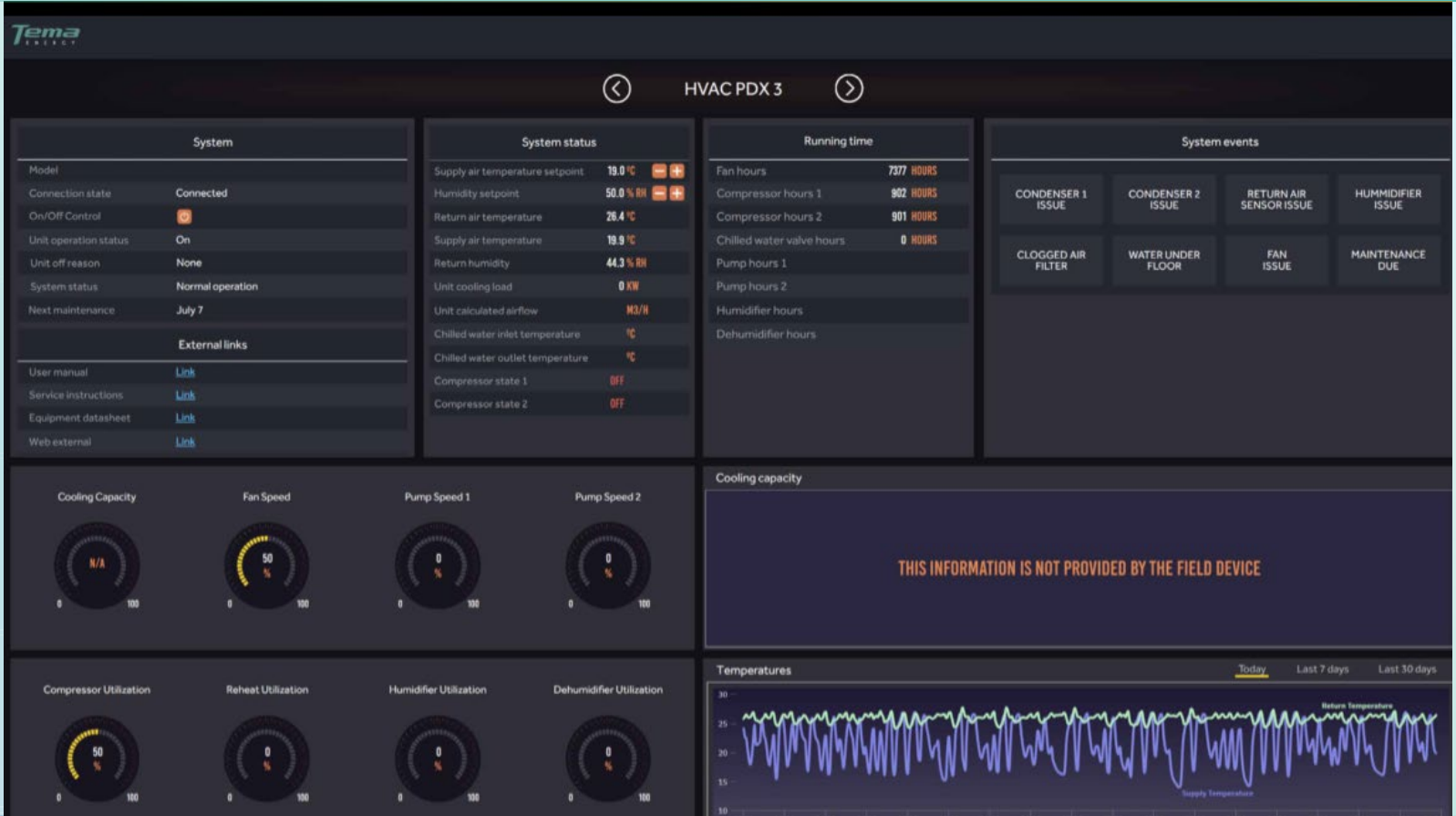


Rack level





Cooling System



Other useful tools and features



Alarm logs are stored in the SQL database for reporting.



Remote monitoring option from anywhere



For precise analyzes, different trends or periods of a trend can be combined in one diagram



SNMP communication can be used to explore possibility if even monitoring IT equipment



Enables IT Administrators and Service Contractors to reduce time to repair, improve efficiency, and maximize uptime.



Maintenance and remote access of multiple data centres under one cloud portal using NETx cloud portal solution



Customized alarming and escalation by device, by rack, or by location to the right people at the right time.

www.netxautomation.com