Cervello Stem
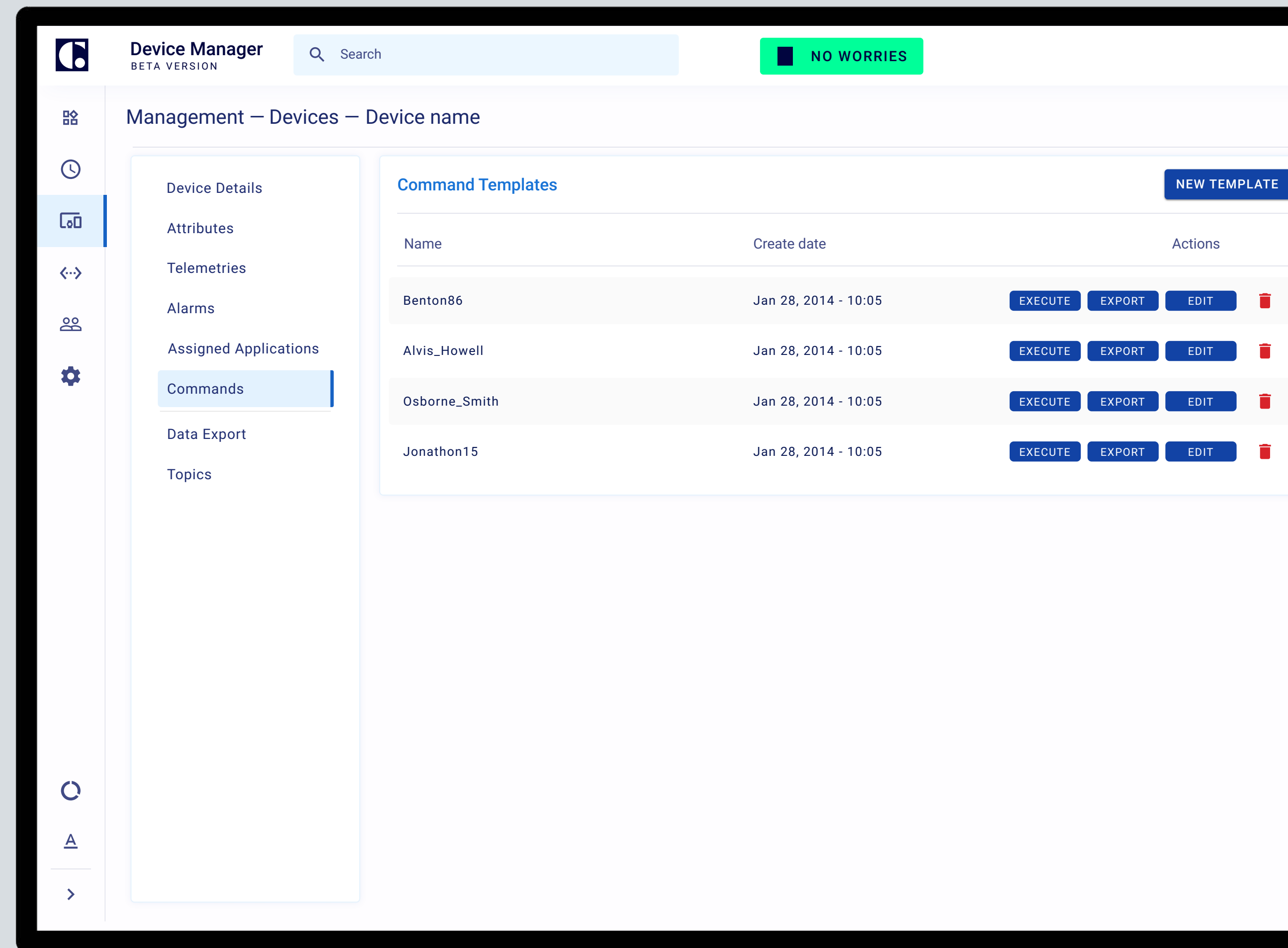
Remotely connect, monitor, control, automate, integrate any device or any system

CervelloStem

A flexible, customizable, scalable and secured IoT Platform to onboard, control and remotely monitor iot devices and integrate with enterprise and industrial systems and apps.

Device Manager
BETA VERSION

Search

NO WORRIES

Management — Devices — Device name

Device Details
Attributes
Telemetries
Alarms
Assigned Applications
Commands
Data Export
Topics

Command Templates
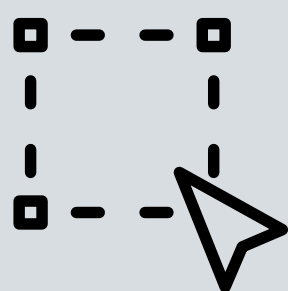
NEW TEMPLATE

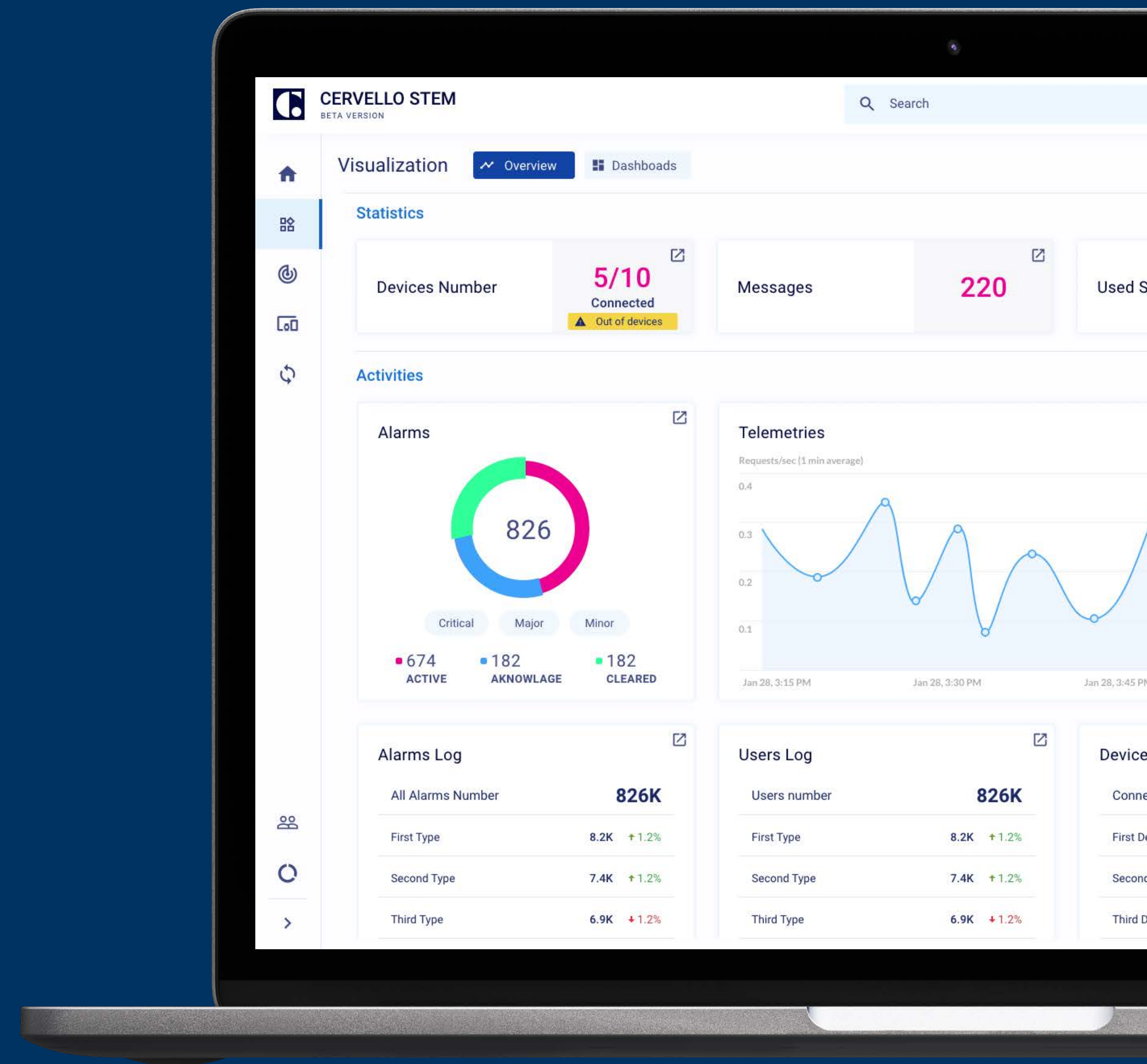| Name	Create date	Actions
Benton86	Jan 28, 2014 - 10:05	EXECUTE EXPORT EDIT
Alvis_Howell	Jan 28, 2014 - 10:05	EXECUTE EXPORT EDIT
Osborne_Smith	Jan 28, 2014 - 10:05	EXECUTE EXPORT EDIT
Jonathon15	Jan 28, 2014 - 10:05	EXECUTE EXPORT EDIT

A platform designed for your needs.
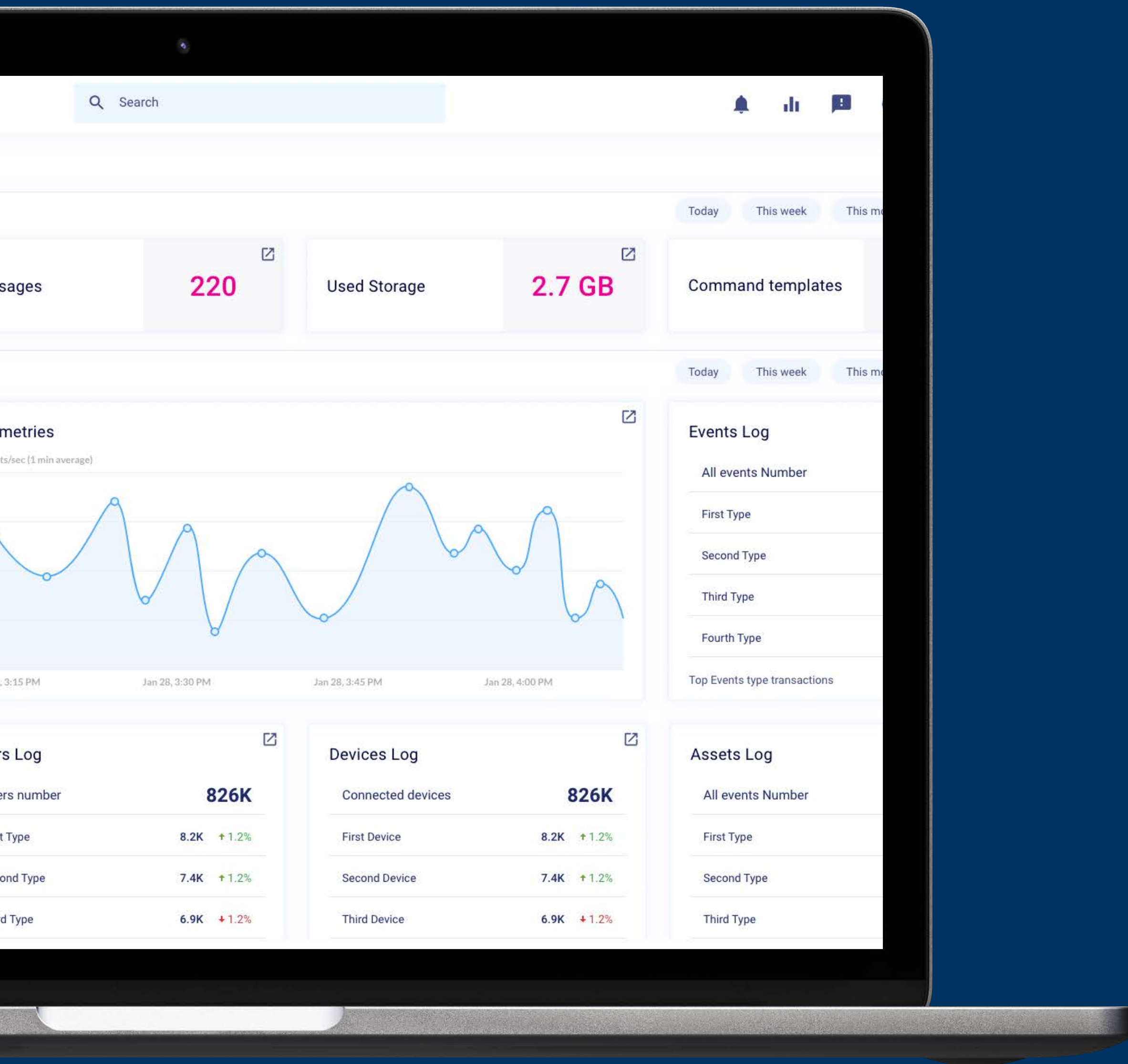
Security

Comprehensive security capabilities to satisfy the most demanding requirements.

Scalability

Access as much or as little as you need, and scale up and down as required by adding new devices.

CERVELLO STEM
BETA VERSION

Visualization | 〜 Overview | ▦ Dashboads

Statistics

Devices Number | 5/10
Connected
⚠ Out of devices

Messages | 220

Used S

Activities

Alarms

826

Critical | Major | Minor

●674 | ■182 | ■182
ACTIVE | AKNOWLAGE | CLEARED

Telemetries

Requests/sec (1 min average)

0.4

0.3

0.2

0.1

Jan 28, 3:15 PM | Jan 28, 3:30 PM | Jan 28, 3:45 PM

Alarms Log

All Alarms Number | 826K
First Type | 8.2K | ✦1.2%
Second Type | 7.4K | ✦1.2%
Third Type | 6.9K | ↓1.2%

Users Log

Users number | 826K
First Type | 8.2K | ✦1.2%
Second Type | 7.4K | ✦1.2%
Third Type | 6.9K | ✦1.2%

Device

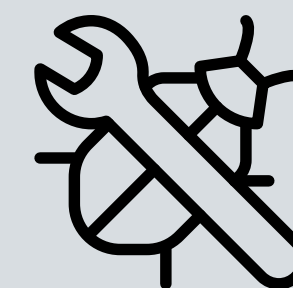Conne
First De
Secon
Third D

Search

A platform designed for your needs.

Interoperability

Integrate with significant amount of legacy operations technologies including SCADA, M2M and other on-premises infrastructure.

Programmability

Remote controls, flexible and adaptable configurations with drag and drop and custom code.

Build better IoT solutions.

Cervello allows you to track telematics and sensor data, provision new devices and manage their lifecycle, execute remote commands and run OTA updates, create smart rules for autonomous device behavior, and many more.

Visit us on our website   www.iotblue.com

Start your first project

1 Create team ——— 2 Build team ——— 3 Assign Project ——— 4 Add devices

Choose team

Which team will work on the project?

Create new team   Your teams

🔍 Search team

Easy onboarding

Just invite your team members, assign them to a project and plug devices in to let them get their communication configuration automatically.

New features, infinite possibilities

Cervello user friendly interface with its visual drag and drop rules engine and workflows, as well as its customizable dashboard visualization components are best fit and added value layer on top of any iot infrastructure of your choice to facilitate its management and analysis.

New features, infinite possibilities

Save your time managing devices

Data collection

Multiple protocols listeners to collect data from MQTT, CoAP, etc...

Data processing

Make a lot of aggregation functionalities on data telemetries before it is saved on the fly.

Device Manager
BETA VERSION

Search

NO WORRIES

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Command Templates

NEW TEMPLATE

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Jonathon15	Jan 28, 2014 - 10:05	EXECUTE	EXPORT	EDIT	

Device Log

Tuesday - 20/05/200:
Alarm - Major

Friday - 04/05/2006 -
Alarm - Minor

Tuesday - 28/09/201
Alarm - Major

Saturday - 03/05/200
Alarm - Major

Monday - 07/06/2010
Alarm - Critical

Friday - 26/01/2007 -
Connected

Monday - 24/04/2012
Disconnected

Wednesday - 26/01/2
Alarm - Minor

Monday - 19/09/2015
Modified by User

Sunday - 18/02/2005
Conected

New features, infinite possibilities

Remote monitor and get notified in real time

Alarms

Set alarms with different severity levels and expose them to be handled by dashboard operators.

Events

Set and save specific events. Events are not alarms but it is something you need to log when it occurs. For example, a bus makes a stop to pick up a passenger.

New features, infinite possibilities

Locate your devices quickly

Location monitoring

See the past and present location of all of your devices connected to the cloud during the day.

Asset visualization

Visualize current and past locations of devices with the map widget. It provides a map view of location history for any device or asset.
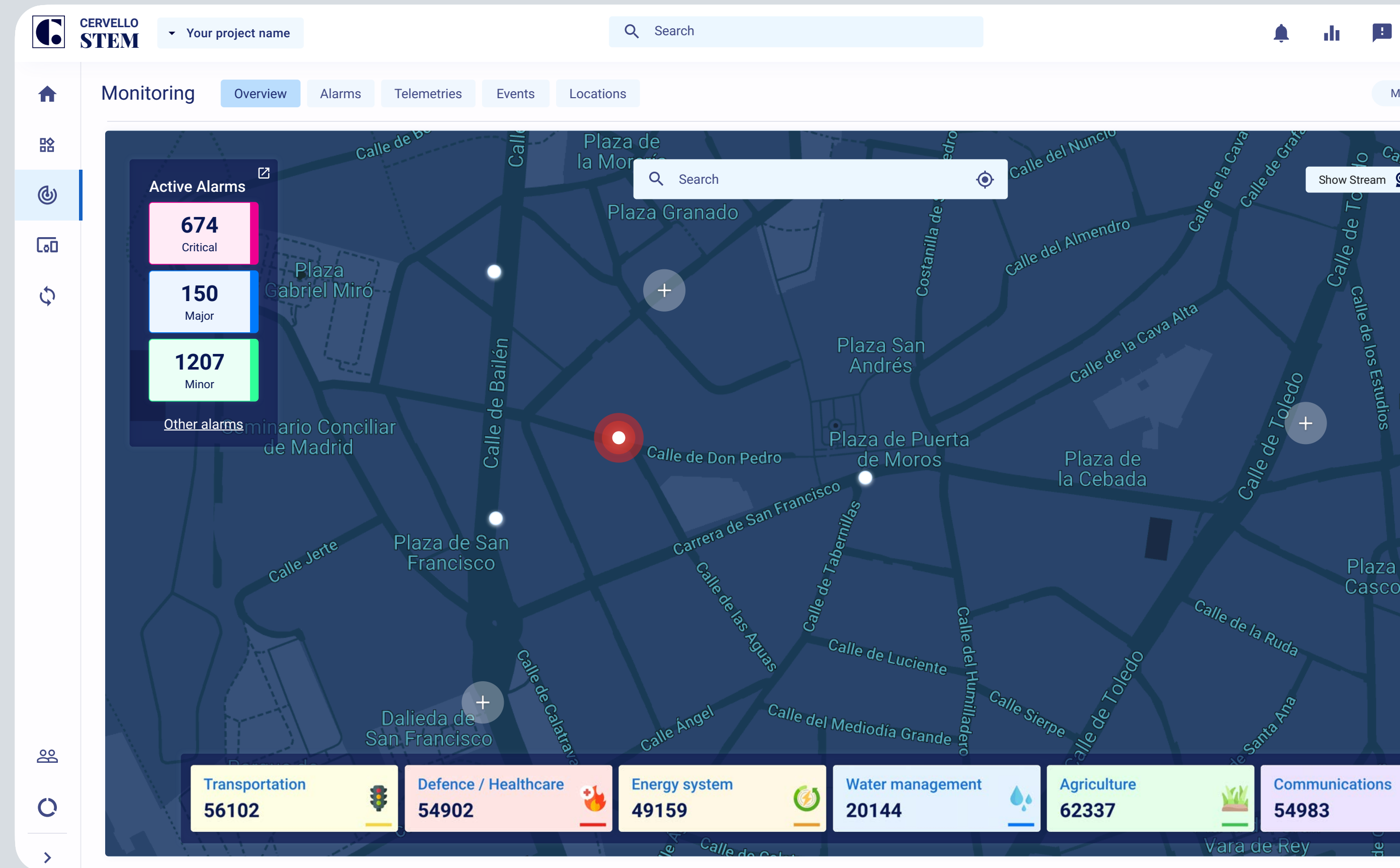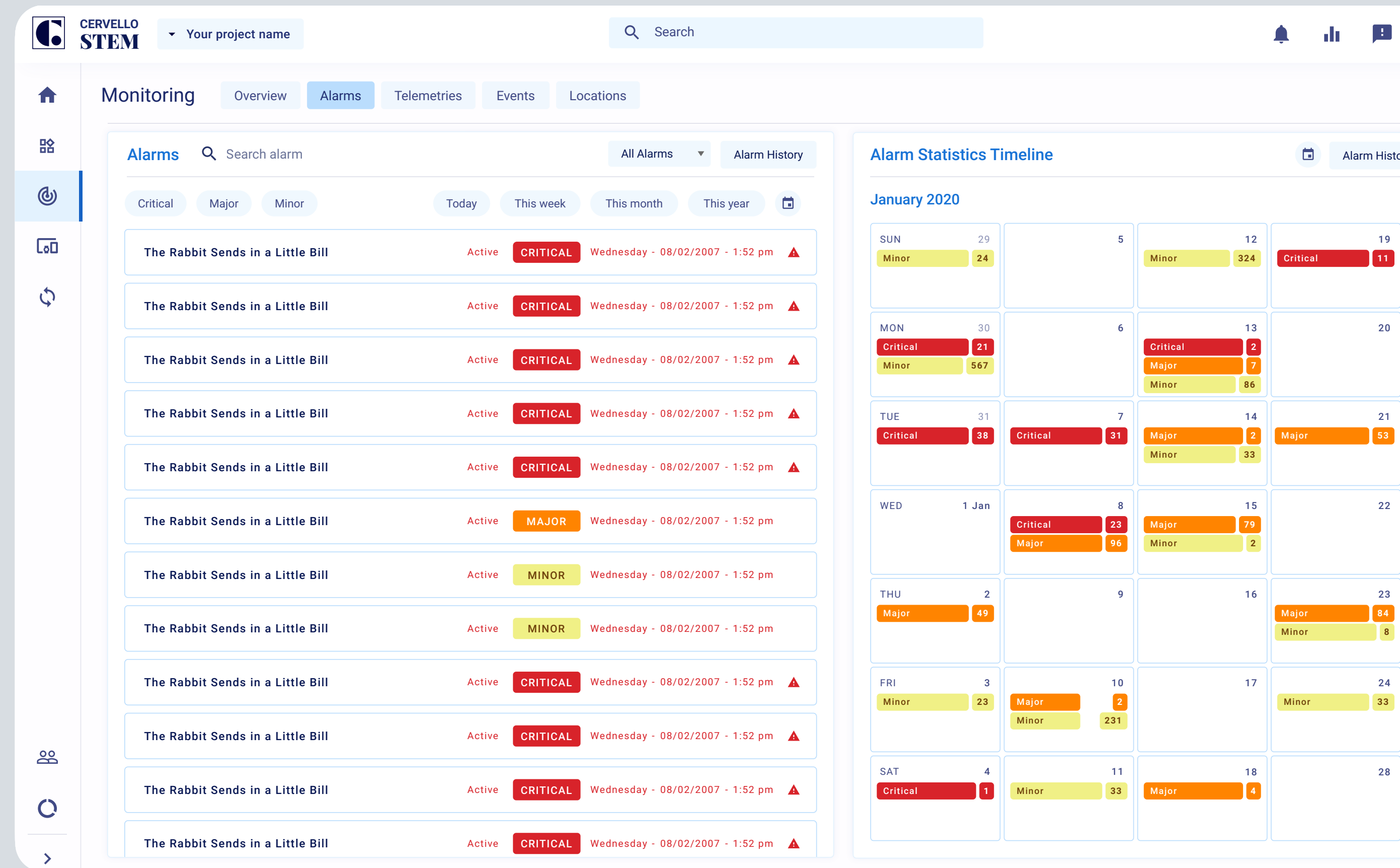
New features, infinite possibilities

Connect anything to Cervello Stem

3rd party integrations

Send or receive data from third parties' systems.

No SDK

No need to use any SDK to send or receive data from Cervello. No need to change devices firmware. Or use specific topic in MQTT.

New features, infinite possibilities

Automate in few steps based on real time data

Command templates

Create a template of commands with dynamic variables to be assigned to millions of devices.

Rules engine

Set multiple rules and conditions using an intuitive user interface without coding. Program what to do in case of success or failure.

New features, infinite possibilities

Design your dashboard and arrange widgets

Customized dashboard

create in a drag and drop fashion a Realtime visualized dashboards to analyze your iot application current or previous state.

Dashboard widgets

Visualize your data using a variety of components for different solutions with more than 30 components out of the box: charts, graphs, control, maps.
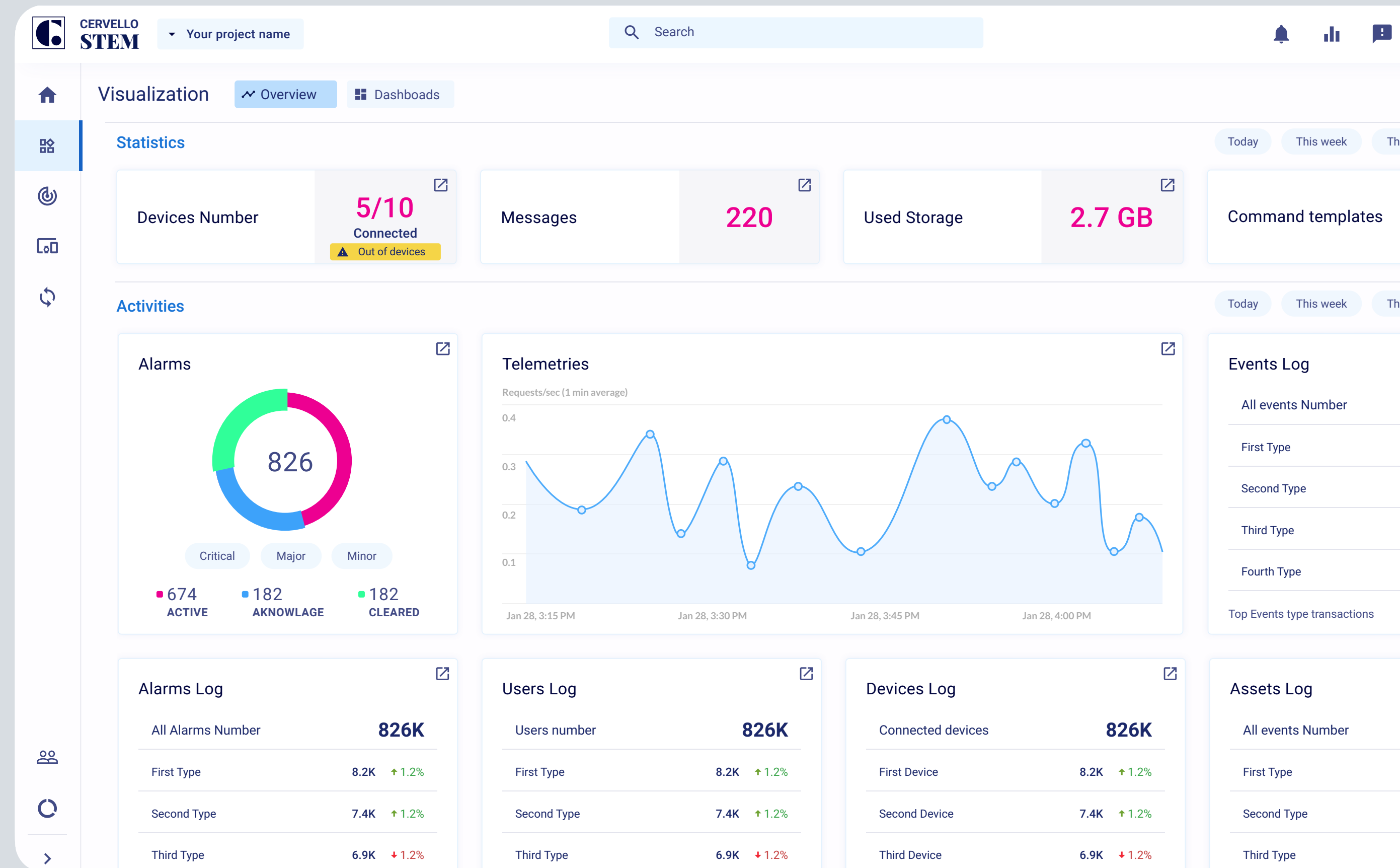
Connect any device

Our protocol interpreter accepts big number of industrial protocols to make integration between systems and devices very easy. MQTT, COAP, HTTP, BACnet, Modbus... are available out of the box.
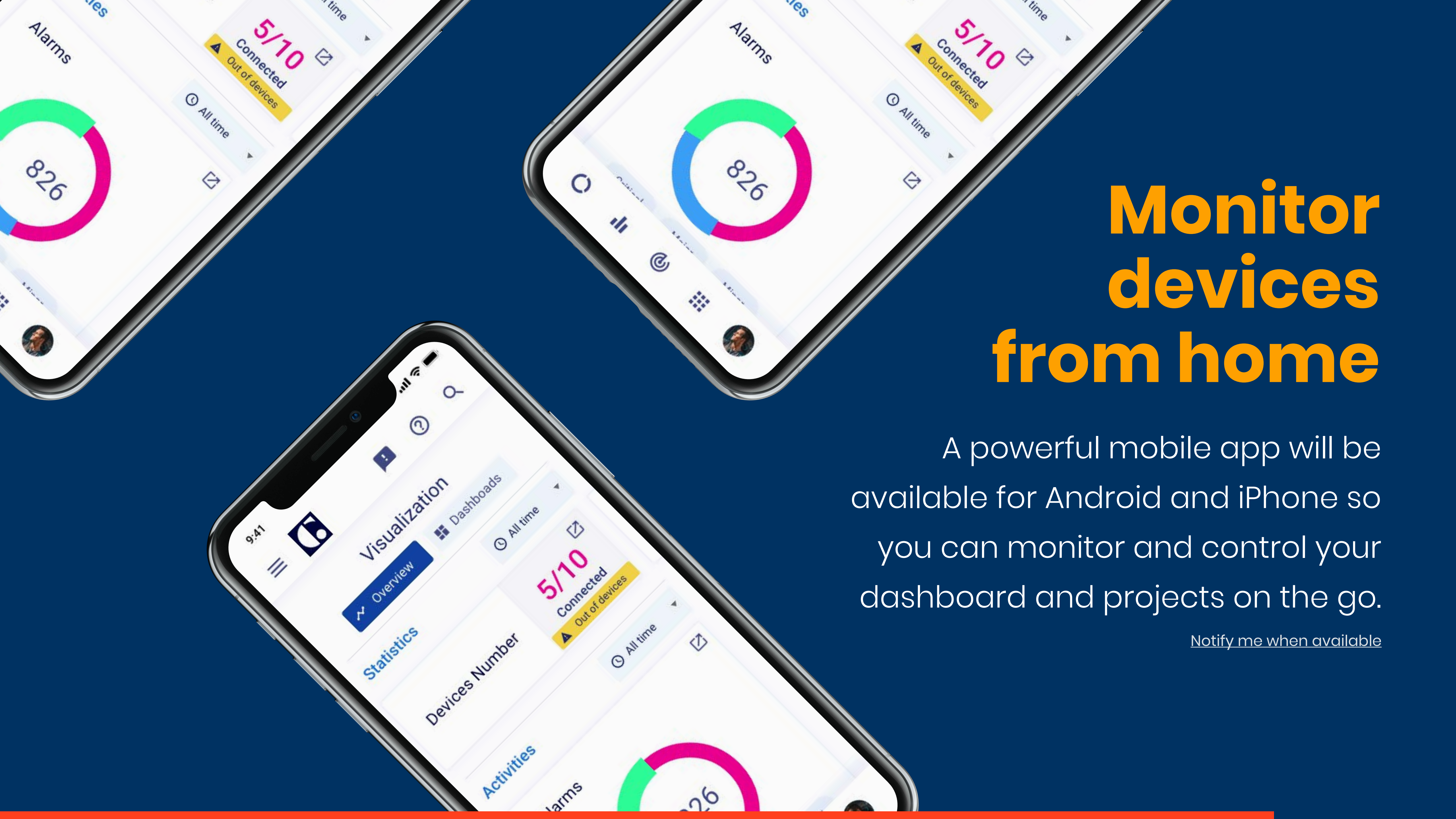
Monitor devices from home

A powerful mobile app will be available for Android and iPhone so you can monitor and control your dashboard and projects on the go.

Notify me when available

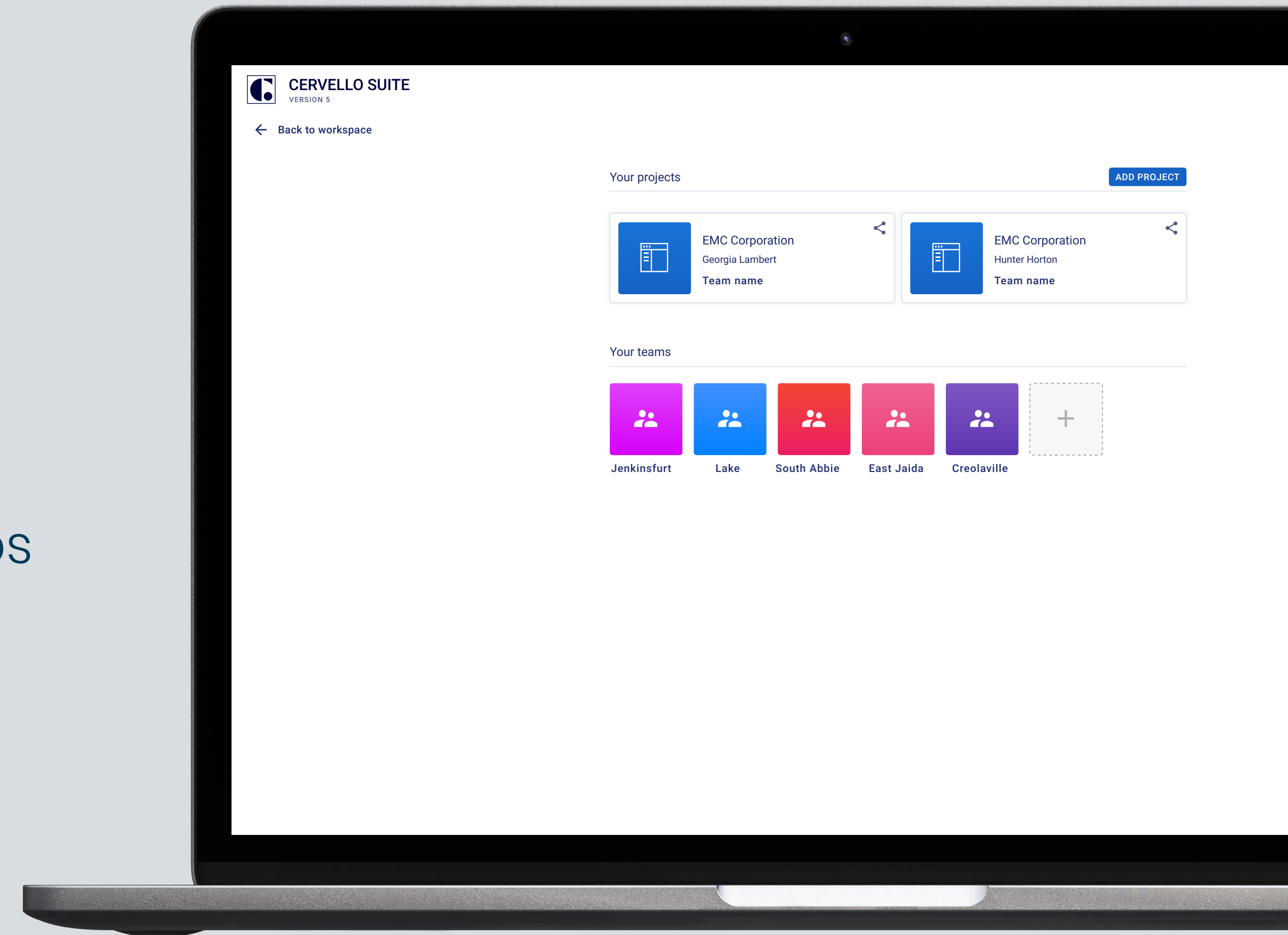# Everything you need, to connect a whole city.

Multi tenancy allows you to administrate various organizations, teams, projects, apps and devices from within one deployment with different access control levels for different users and operators.

Business features

CERVELLO SUITE
VERSION 5

← Back to workspace

Your projects   ADD PROJECT

EMC Corporation
Georgia Lambert
Team name

EMC Corporation
Hunter Horton
Team name

Your teams

Jenkinsfurt   Lake   South Abbie   East Jaida   Creolaville

Create a cervello at any level.

iotblue

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www.iotblue.com

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Show on map

Cervello Stem on cloud plans
We host and scale your projects

See pricing