CONTIMETRA   SISTIMETRA

GROUP

AIR CONDITIONING DIVISION
ORGANIZATION, PARTNERS and SKILLS

Contimetra / Sistimetra Group

Portuguese Company acting in the HVAC market since 1964.

Two own offices : Lisboa and Porto

HVAC Team : 40 people

CONTIMETRA   SISTIMETRA

GROUP

LISBOA – 1964   PORTO – 1983

CONTIMETRA SISTIMETRA
GROUP

What we do?

Local distributor of components and systems from important and well-known worldwide brands like:

TROX® TECHNIK
The art of handling air
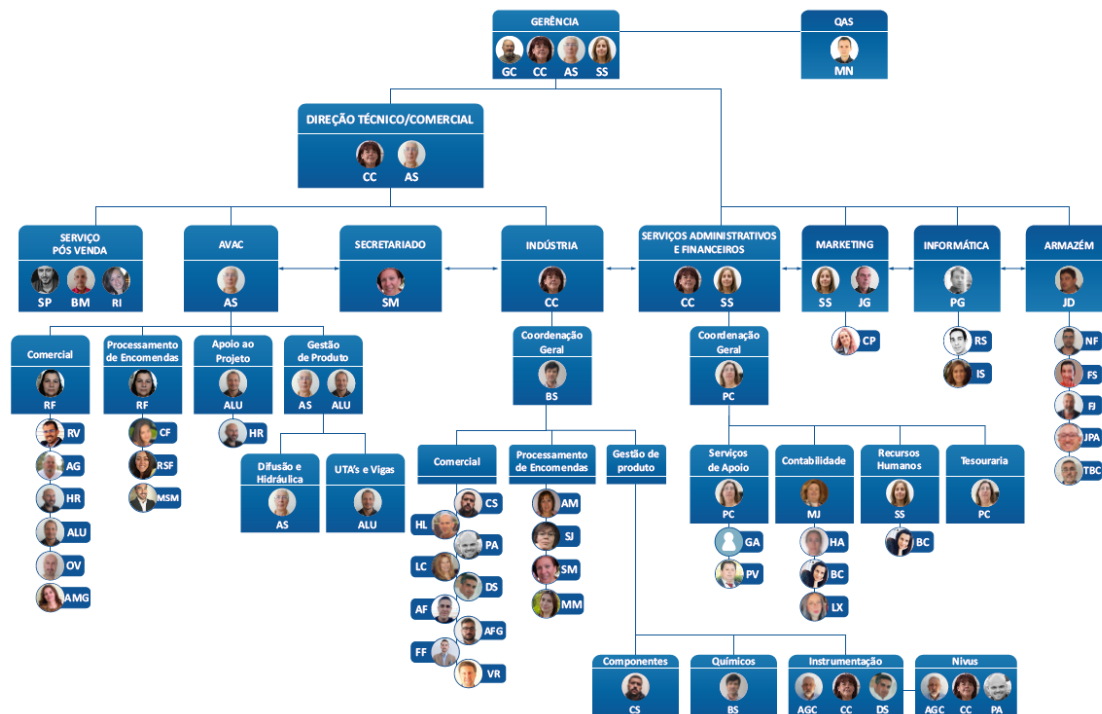
Johnson Controls

frese
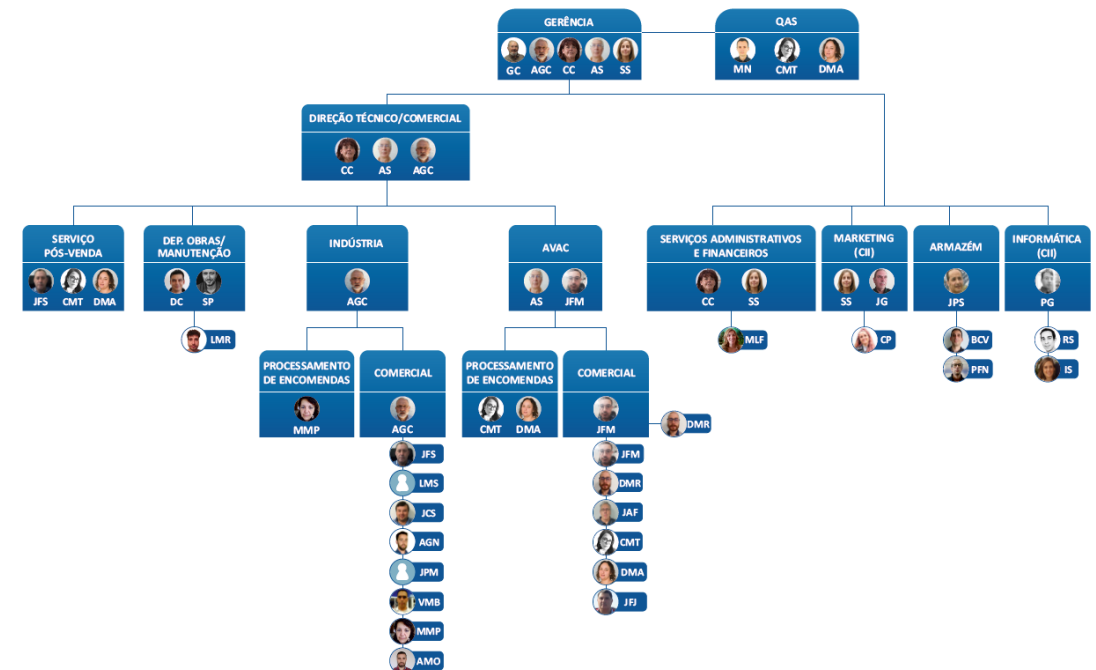Energy-saving valves

BELIMO®

What we do?

We act as an engineering company interface between the needs of the Portuguese HVAC market and the solutions presented by our suppliers. So we are bringing innovative ideas, components and solutions to the Portuguese market for more than 55 years.

Who are we? This is our company organization chart
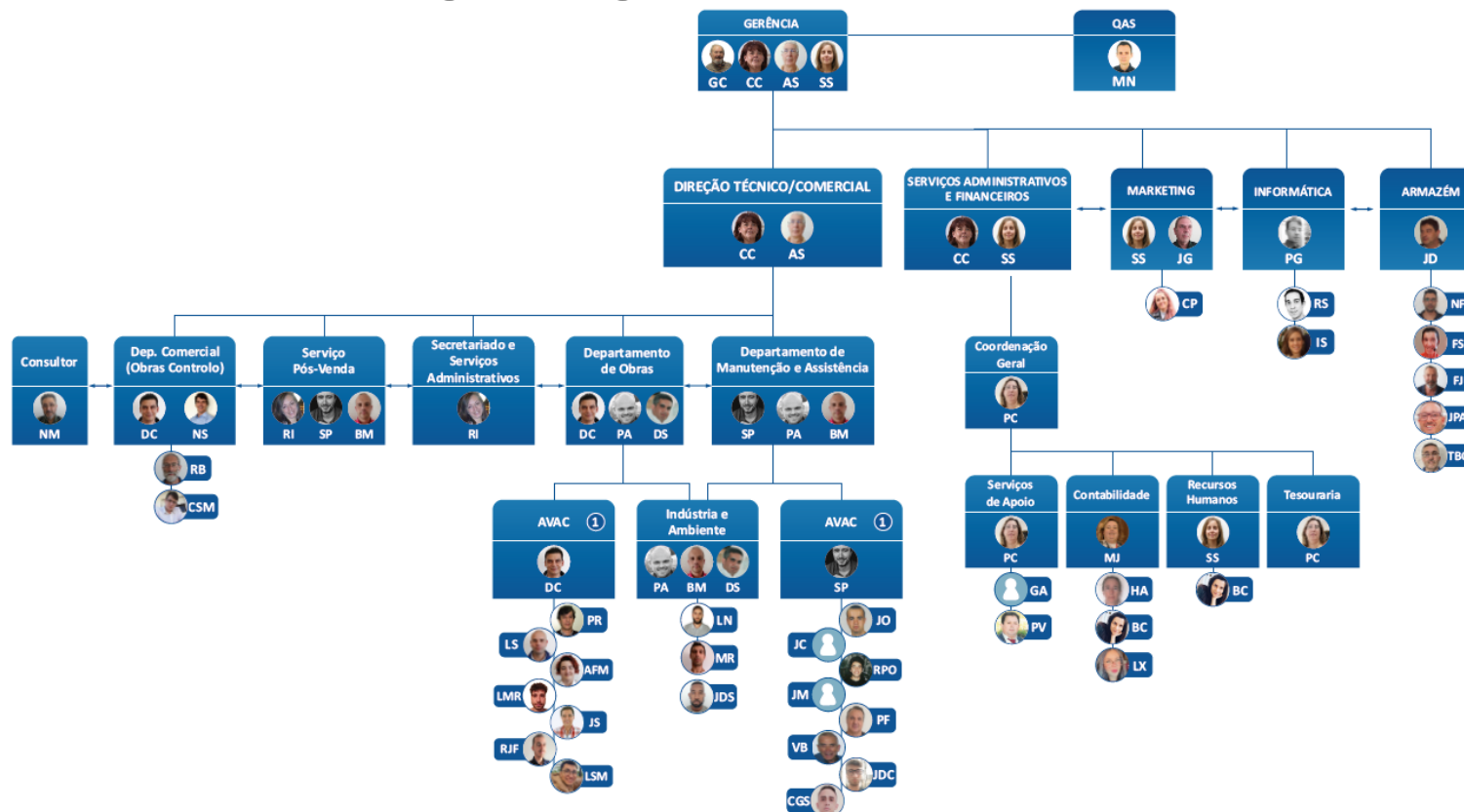
Commercial and Wharehouse, Lisbon

Commercial and Wharehouse, Oporto

Who are we? This is our company organization chart

Engineering and Maintenance Services, Lisbon

Our skills in HVAC market

- Support consulting and engineering companies
- Supply and implementation of global solutions
- Building Management Systems (BMS)
- Air Handling Units (AHU's)
- Air distribution (diffusers, flow regulations, etc)
- Terminal filters (HEPA)
- Fire and smoke control
    - Components: Fire dampers; smoke control dampers, smoke controllers
    - Implementation of Fire Matrix and monitorization of all Fire Components
- Control and balance hydronic components

Particular skills

- Complete air treatment components and systems for hospitals and pharmaceutical industry
- BMS for big and iconic buildings
- BMS for validated environments facilities – pharmaceutical industry
- Complete air treatment components and BMS for laboratory environments with cupboards – investigation centers and universities, mainly.

Hospital environment
Integrated climate solutions

> HVAC facilities in hospitals are much more than systems driven towards the comfort of users. Due to the medical activity, these facilities must ensure, in continuous operation, environments with levels of comfort, noise, hygiene and safety much higher than usual, taking into account energy efficiency.

X- CUBE Hygienic AHU

Hygienic Terminal Unit

Hospital environment
Integrated climate solutions

The advantages

- A pleasant, clean and noise-free environment
- Without terminal fan, without condensate and without filter
- Reduced maintenance time and cost
- Energy savings of approx. 22% and 6% less CO_2 emissions compared with the solution with fan coils

VAV terminal units

Swirl diffusers

Water systems

TROX® TECHNIK
The art of handling air

EASYLab

The most advanced air flow control system in laboratory rooms
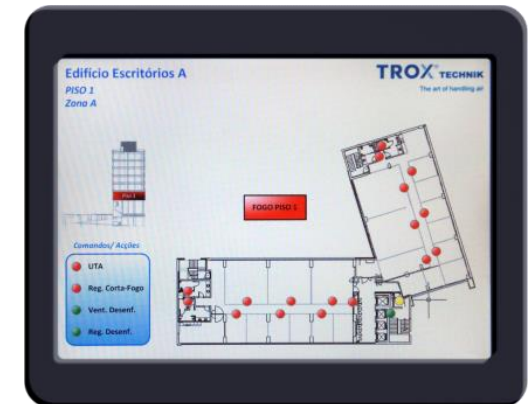
What we guarantee

- Simplified design - expandable Plug and Play system.
- Supply and implementation of global solutions
- Security conditions for cupboard operators
- High energy savings
- Flexibility in the use of each cupboard - without affecting the rest
- Operational stability at every moment

TroxNetCom
A fire/smoke system is only safe if it can be tested periodically in an easy way.
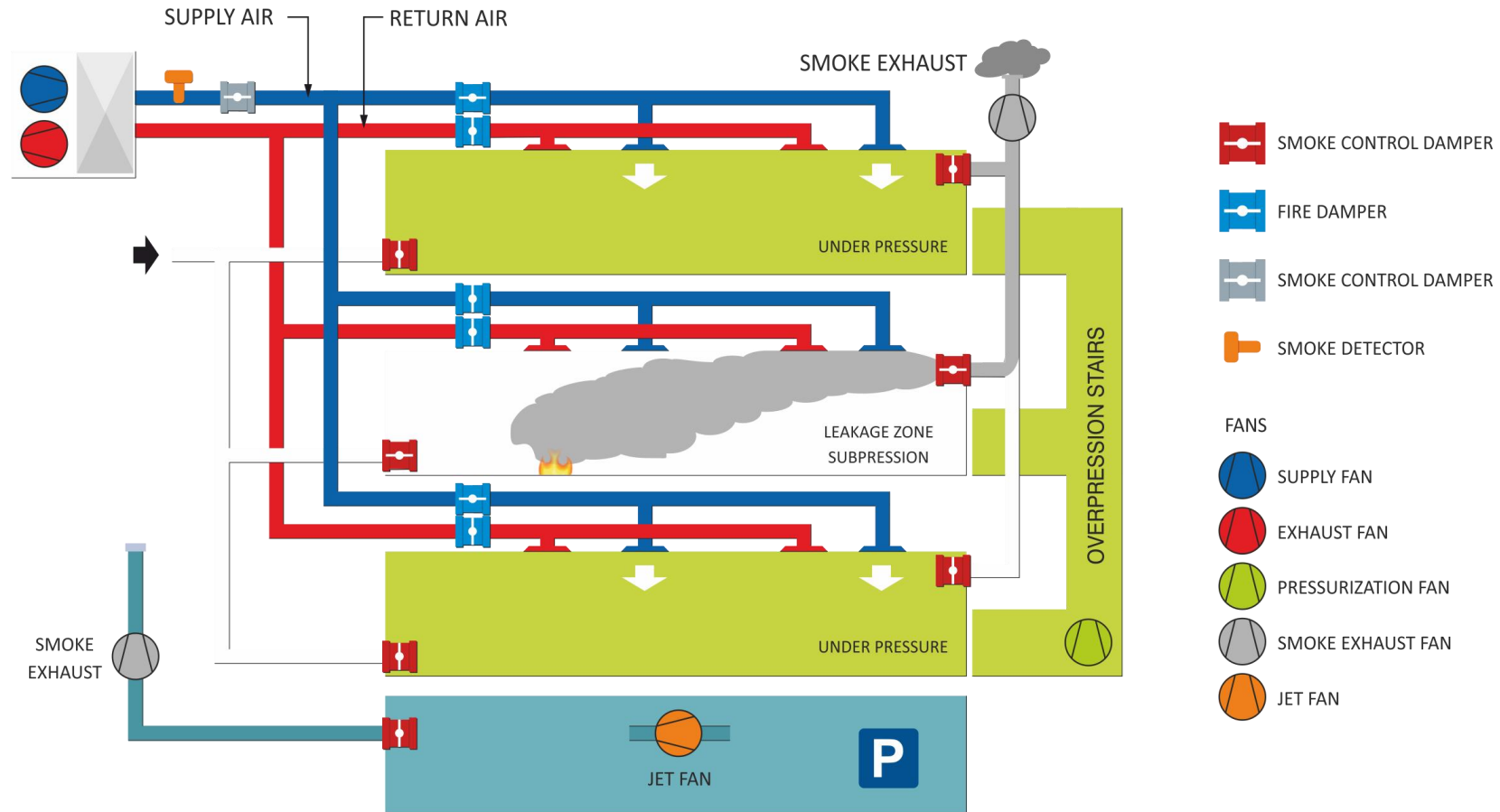TroxNetCom is the solution to this problem.

Preventive maintenance at your fingertips

- Homologated BUS system (LonWorks)
- Simplified project
- Flexibility - fire zones can be defined at the end of the job
- Easy to integrate into HVAC, BMS and SADI installations
- Fewer cables => less installation costs
- Centralized and permanent monitoring of the entire network of fire dampers, smoke control dampers and associated fans

CONTIMETRA SISTIMETRA
GROUP

SUPPLY AIR

RETURN AIR

SMOKE EXHAUST

UNDER PRESSURE

LEAKAGE ZONE
SUBPRESSION

OVERPRESSION STAIRS

UNDER PRESSURE

SMOKE
EXHAUST

JET FAN

P

SMOKE CONTROL DAMPER

FIRE DAMPER

SMOKE CONTROL DAMPER

SMOKE DETECTOR

FANS

SUPPLY FAN

EXHAUST FAN

PRESSURIZATION FAN

SMOKE EXHAUST FAN

JET FAN

SERVICES DIVISION
BMS Supply, Install and Maintenance

Metasys Building Management System

Contimetra as Johnson Controls ABCS

Our BMS services are exclusive with Johnson Controls brand, including:

- BMS Project support

- Commercial support / visit

- BMS full Equipment Supply and Panel build

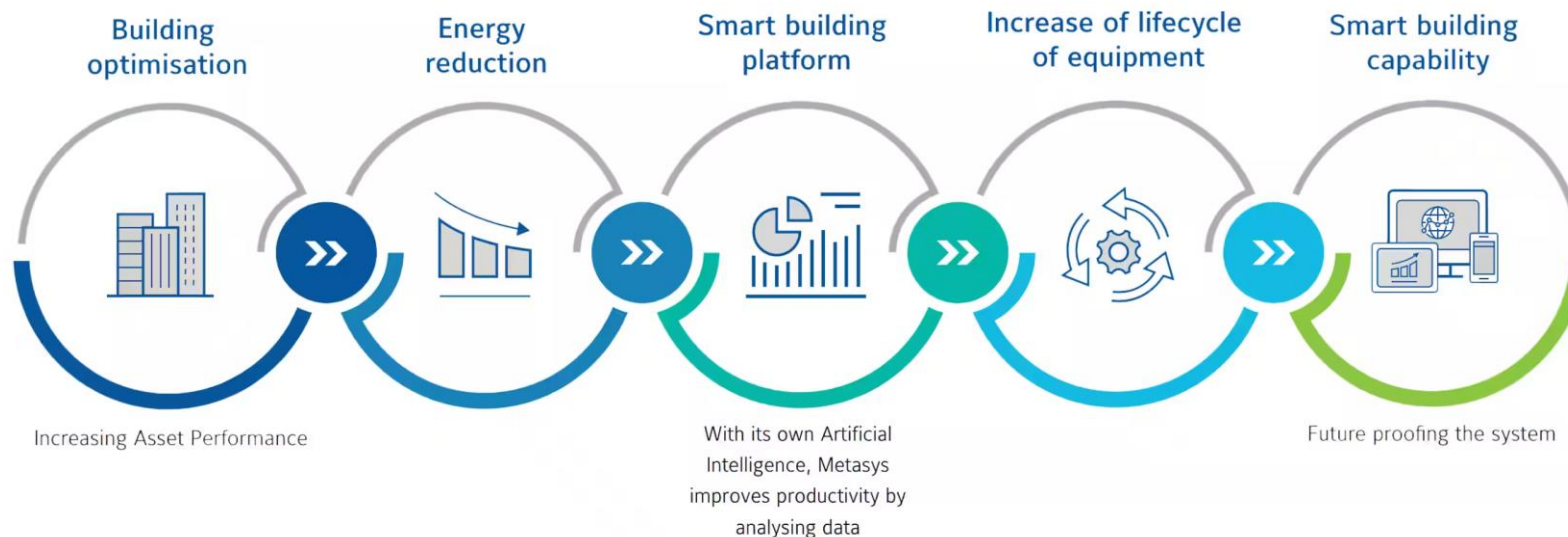- Full Commissioning, test and program in Site

- Training

- Maintenance

Metasys Building Management System

Metasys® by Johnson Controls

Elevate your building's efficiency with Metasys®, the cutting-edge building energy management system seamlessly integrating HVAC, lighting, security, and fire protection systems on a unified platform.

Say goodbye to managing multiple systems – with Metasys, you can make informed decisions, save costs, and optimise your building's functionality. Take full control of your building energy management system and unlock its true potential.

Metasys Building Management System

Metasys® by Johnson Controls

- Building Network

- Graphics and Dashboard Manager

- Alarm Manager/ Monitor

- Equipment Summary

- Equipment Activity

- Equipment Relationships

- Potential Area Problems

- Schedule/ Calendar

- Trend

- Advanced Search

- Activity / Alarm /Audit /Trend Report

- Bulk Command

- Timed Operator Commands

- Annotations

METASYS®
MASTER YOUR ENVIRONMENT.

Metasys Building Management System

Metasys® for Validated Environments

MVE is an enhanced feature of the Metasys system product line. It manages and stores critical building data to facilitate United States Food and Drug Administration (FDA) electronic records and electronic signature requirements (Title 21 Code of Federal Regulation [CFR] Part 11).

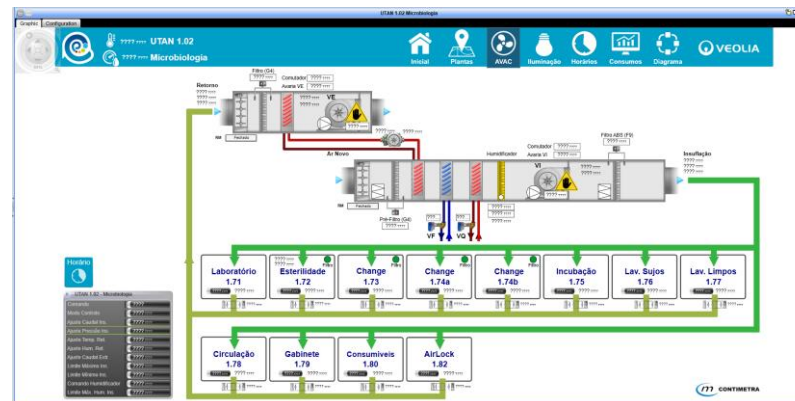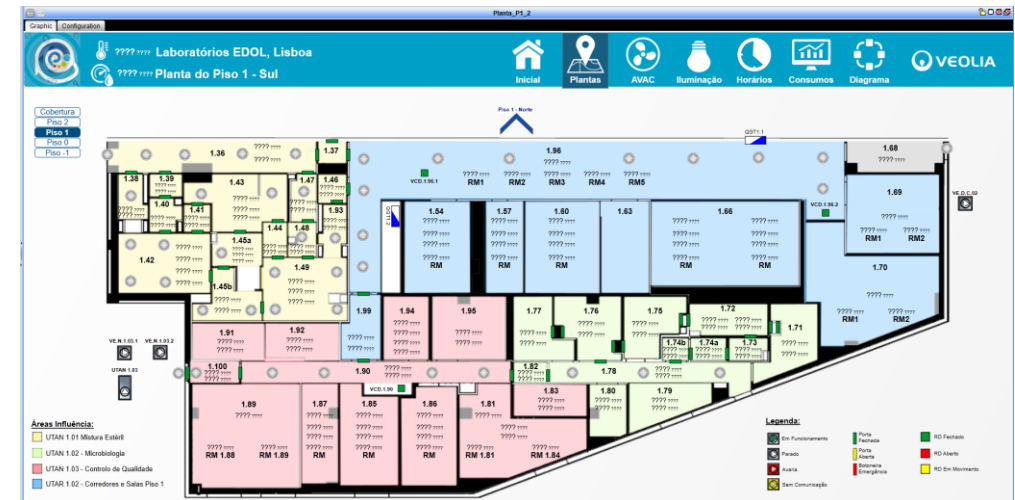MVE also provides record compliance with:

- Annex 11 of the European Union Good Manufacturing Practice (EU GMP) regulations (European Medicines Agency [EMEA] 1998)

- Agency regulations around the world that deal with electronic records and electronic signature requirements

GROUP

Most Recent Pharmaceutical BMS

Edol Laboratories

- ADX (Extended Application Data Server)
- Metasys for Validated Environments
- Room Pressure and T/H Control
- EasyLab (Trox) Control fume hood
- Full AHU Control
- Cool/Heat Water Production Control
- Fire/smoke Dampers monitor
- Door interlock Control
- FFU (Fan Filter Unit) Control
- Lighting Control
- Energy monitor
- Alarm, trend and Energy Report
- Multiple Touchscreen Display

METASYS®
MASTER YOUR ENVIRONMENT.

Most Recent Pharmaceutical BMS

Bluepharma Eiras

- ADS (Application Data Server)
- Room Pressure and T/H Control
- AHU Integration Control
- Cool/Heat Water Production Control
- Energy monitor
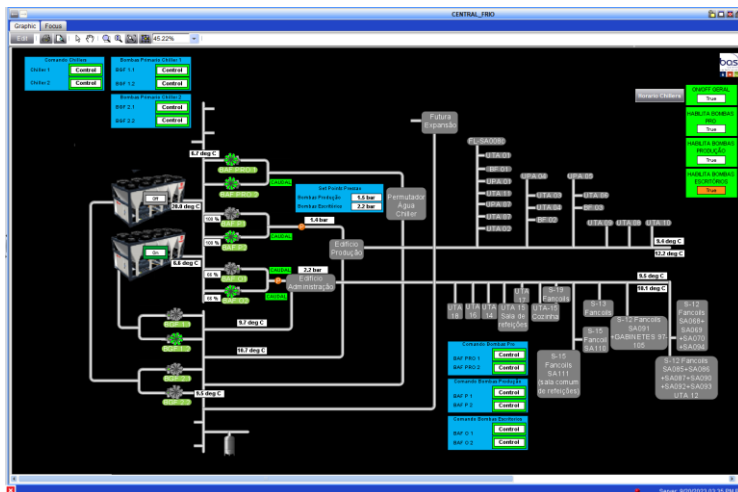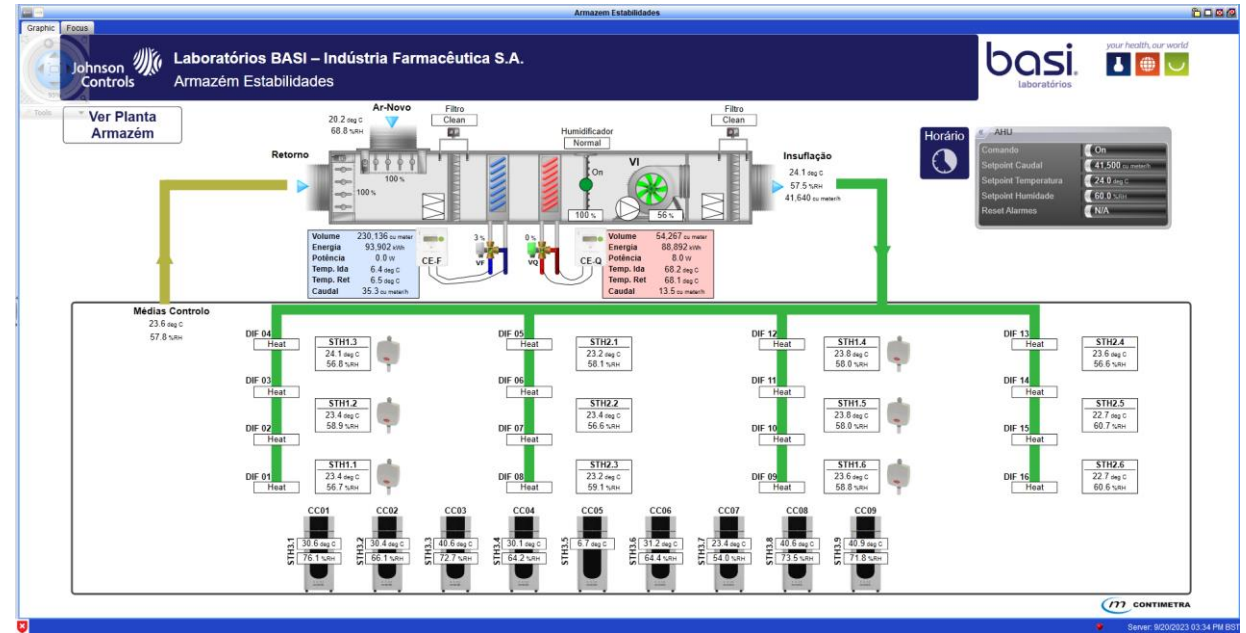- Alarm, trend and Energy Report
- Multiple Touchscreen Display
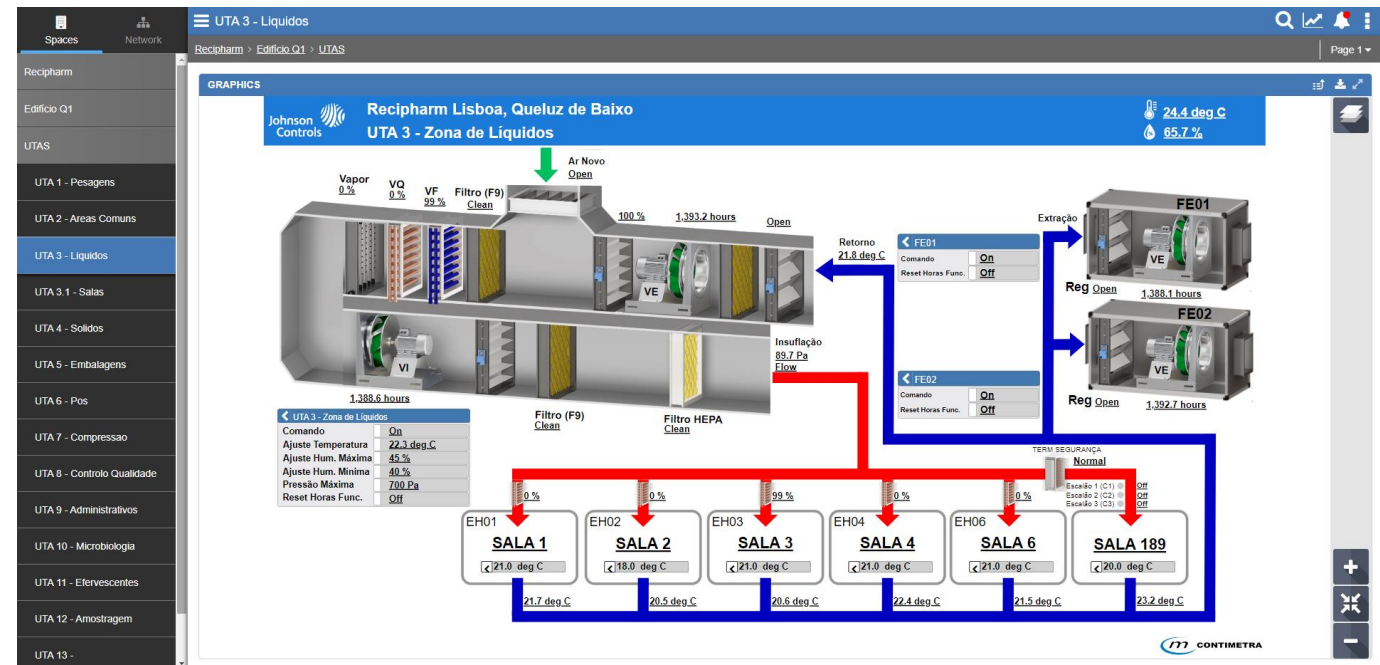
Most Recent Pharmaceutical BMS

Basi Laboratories

- ADX (Extended Application Data Server)
- Metasys for Validated Environments
- Room T/H Control
- Full AHU Control
- Cool/Heat Water Production Control
- Alarm and trend Report

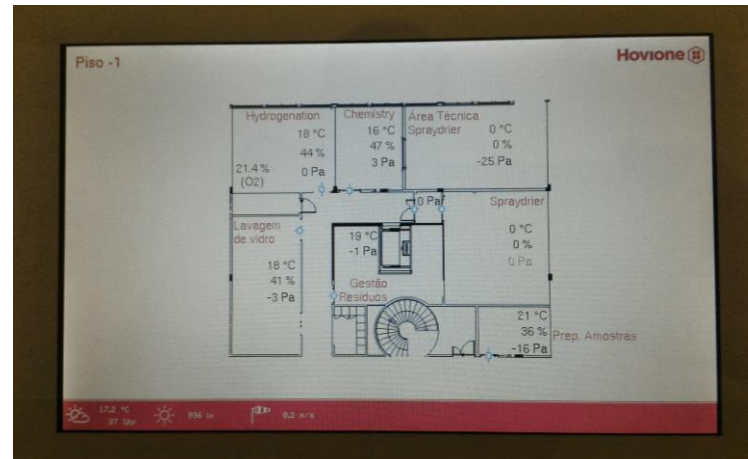## Most Recent Pharmaceutical BMS
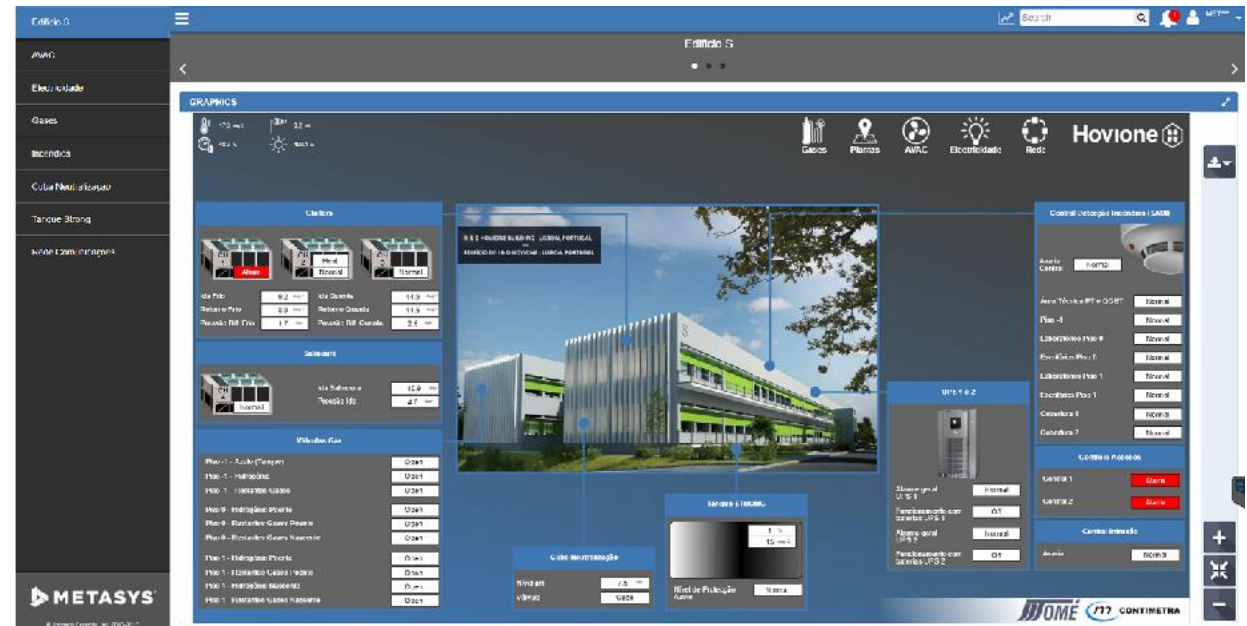
Recipharm Building Q1 & Q2

- ADX (Extended Application Data Server) with remote SQL Database
- Metasys for Validated Environments (future)
- Room T/H Control
- Full AHU Control
- Cool/Heat Water Production Control
- Alarm and trend Report

Most Recent Pharmaceutical BMS

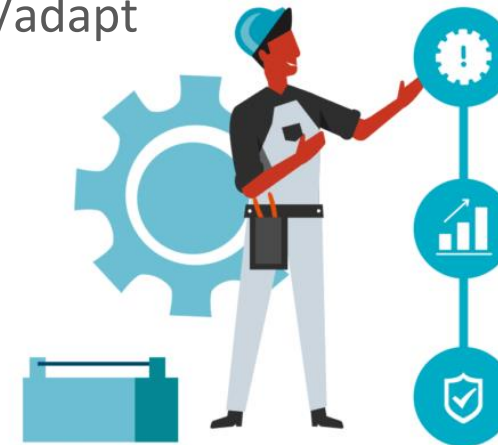### Hovione – R&D Building S – Lumiar

- ADS (Application Data Server)
- Room Pressure and T/H Control
- EasyLab (Trox) Control fume hood
- AHU Integration Control
- Cool/Heat Water Production Control
- Fire/smoke Dampers monitor
- Lighting Control
- Energy monitor
- Alarm, trend and Energy Report
- Multiple Touchscreen Display

Maintenance Department

- Scheduled and /or on-call visits

- Most probable and Critical Areas Focus

- BMS Enhancements by request

- Field Equipments, Controllers and logic program test and replace/adapt

Where you can look to our portfolio, achievements and case studies

www.contimetra.com