



www.createch360.com

Intelligent control solutions and AI for the water industry
Energy Efficiency, Sustainability & Process Optimization



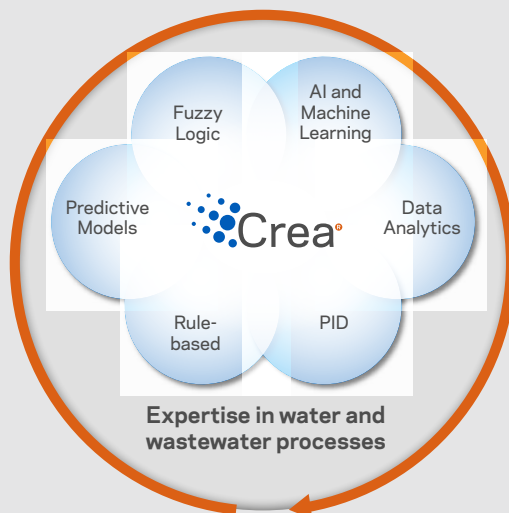
●●●●● Createch360° specializes in the design and implementation of process intelligence platforms towards a more sustainable water industry.

With over 200 installations implemented by our teams, ●●●●● Createch360° offers the most cutting-edge solution to optimize processes within the urban and industrial water cycle.

CREA® PLATFORM

The CREA® platform is your operational and strategic digital process intelligence cockpit, to empower you and your equipment to achieve reliable and enhanced process performance. It includes self-customizable features to support your reporting, smart real-time monitoring, KPI dashboards, as well a cutting-edge process control and data analytics for which we implement carefully selected advanced logic tools, producing tangible results towards your challenges:

- compliance with DWD quality standards and integrated management obligations
- treated effluent quality compliance
- reducing operational cost and environmental impact (energy, chemicals, N₂O, etc.)



BENEFITS AND SUSTAINABILITY KPIs



PROCESS INTELLIGENCE

DSS dashboards, auto reporting with data analytics and KPIs. Self-customized.



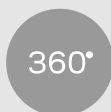
INTELLIGENT CONTROL LOGIC

PID, fuzzy logic, models, AI, rules, pattern recognition and ML.



REAL-TIME DATA MONITORING

Online monitoring, equipment performance, energy KPI, weather, ...



HOLISTIC MANAGEMENT

Key process control modules on a single platform enabling synergies.



BEST VALUE DESIGN PRINCIPLE

Customized solutions to reach your goal: savings, treatment, emissions...



EMPOWERED OPERATIONS

Self-customized alarms. Editable settings. No black box: your site, your strategy.



SECURE

Locally (on your site) or cloud-based control, with manual & auto fall-back.



ROBUST AND FUTURE-PROOF

Self-adaptive setpoints, signal analysis, able to adjust to future changes.



Average payback 1-3 years!

MULTIPLE PLATFORM SOLUTIONS TO SUIT EACH CASE



Modular and customized cutting edge control solution to achieve maximum process performance and efficiency



Plug & play control solution for sites with little to no automation features

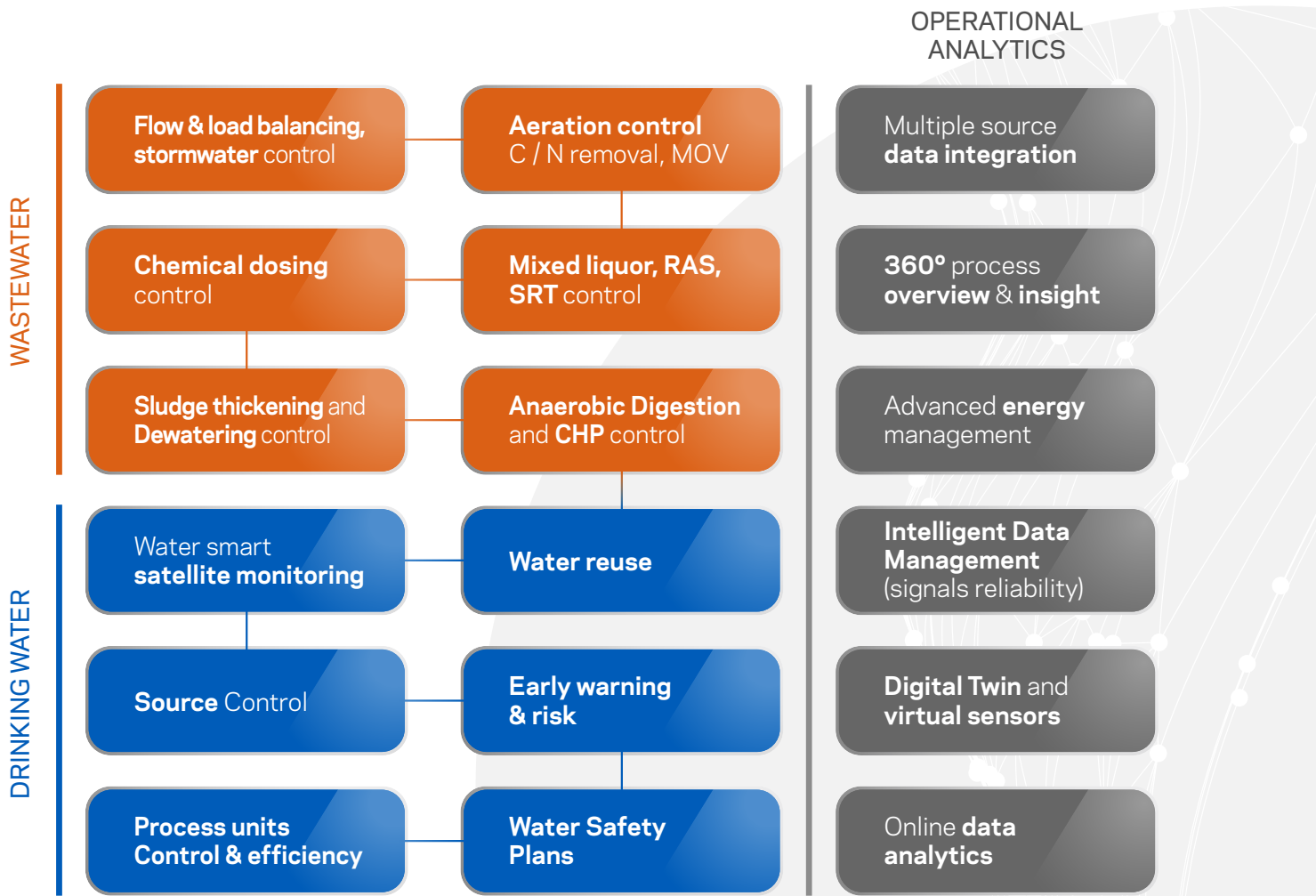


Plug & play control solution for small sites with basic automation features



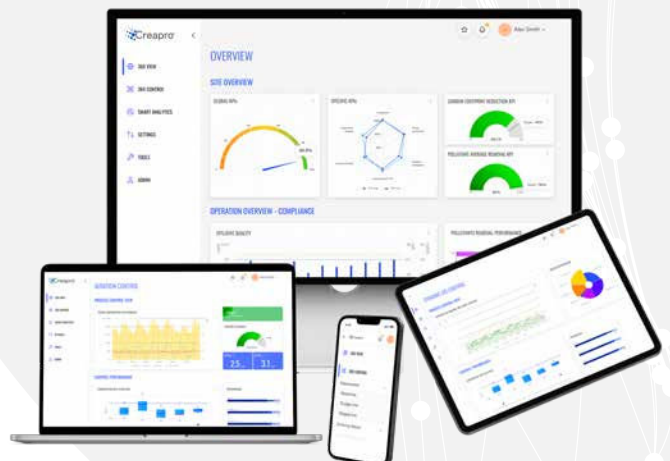
Single cloud-based tool for multiple CREA® platforms

A RANGE OF PROCESS CONTROL AND DATA ANALYTICS MODULES, FOR A HOLISTIC APPROACH



Flexibility

- Flexible & adaptable communication architecture to existing systems.
- All process configurations (e.g. for wastewater biological treatment: plug-flow, oxidation ditch, SBR, MBR, ...).
- All equipment type (all types of air production systems, pumping systems, dosing systems, etc).
- All treatment capacity (applicable to any treatment capacity).
- All quality requirements (e.g. for wastewater: nutrient and/or carbonaceous, average or spot, etc).



EXPERIENCE

•••Createch360° brings together water process specialists and IT-computational science experts to deliver the most advanced solutions to optimize processes within the water industry, for both municipal and industrial applications.

With over 200 installations implemented by our teams worldwide, 20 years of experience in the sector and continuous innovation, •••Createch360° guarantees high added-value solutions enabling utilities and industrial users to achieve maximum efficiency and best performance.

Examples of some installations on wastewater treatment plants:

SITE	COUNTRY	DESIGN FLOW (m ³ /d)	ENERGY SAVINGS
LA FARFANA	Chile	760.320	18%
BAIX LLOBREGAT	Spain	420.000	22%
AS SAMRA	Jordan	364.000	16%
JEBEL ALI	United Arab Emirates	293.000	Not applicable
LODZ	Poland	215.000	17%
LILLE	France	96.500	15%
LLEIDA	Spain	87.500	22%
GUANGDONG	China	75.000	26%
BREMBATE	Italy	53.600	27%
EGONGLING	China	50.000	28%
HONGHU	China	50.000	19%*
AGRA I + II	Portugal	44.336	40%
SERZEDELO I + II	Portugal	40.697	26%
CAPIVARI II	Brazil	25.056	32%
RABADA	Portugal	24.881	17%
LUCCA	Italy	24.000	17.5%
BENIDORM	Spain	23.704	21%
SANT FRUITÓS DE BAGES, NAVARCLES, SANTPEDOR	Spain	16.000	48%
CASTELNUOVO	Italy	5.075	25%
HEINZ (industrial)	Spain	2.500	15%

*: 11% compared to the previous competitor solution in place

THEY ALREADY TRUST US!



📍 Costa d'en Paratge St. 22
08500 Vic (Barcelona) - Spain

☎ +34 93 782 84 37

✉ info@createch360.com

🏠 www.createch360.com

🌐 createch360° 🐦 @CREAtech360