



THE LEADER IN **HIGH PURITY WATER**

We are transforming and modernizing clean utilities for many of the world's leading companies to optimize performance, improve plant availability and drive down operational costs.

www.cnwater.in

Overview

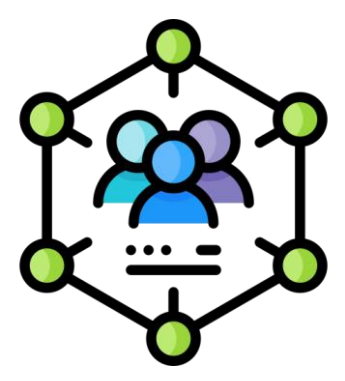
With a history spanning over 35 years, CN Water has become India’s best-known high purity water solutions company. We deliver world class clean utility solutions to pharmaceutical organizations – for whom water is a mission critical component.

We combine state-of-the-art water technology, extensive water expertise and a lifecycle-based approach – to help some of the world’s leading pharmaceutical companies optimize water system performance, improve availability and drive down operating costs of their clean utilities and high purity water systems.

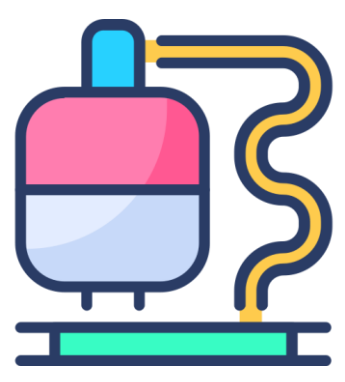
Our unique, technology-driven service delivery model addresses plant installation, operations and maintenance needs across the water system lifecycle.



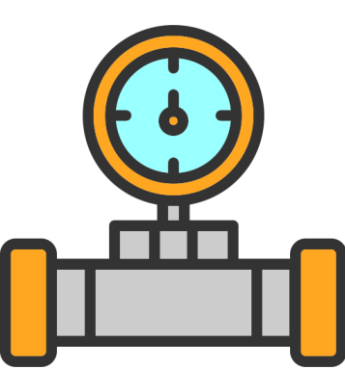
18 out of 25
global pharmaceutical leaders rely on our expertise



300+
engineering, ops and water system specialists



2,200+
water systems installed and managed end-to-end



800+
operational plants managed across India

150+ Pharma Companies Rely on CN Water, Including





Water Pre-Treatment

Handling some of the world's toughest source water conditions

The pre-treatment and conversion of source water to potable water involve a complex array of technologies designed to manage diverse contamination levels and challenging raw water conditions.

CN Water provides a comprehensive approach to address these challenges by integrating BWT's advanced water treatment products with its own custom-engineered solutions. This enables CN Water to effectively tackle a wide range of water quality issues.

By customizing the treatment process to the specific characteristics of the source water, CN Water ensures reliable, safe, and high-quality potable water that meets stringent regulatory standards and customer requirements



Three Decades of System Integration Experience

First in India to Introduce

- Sanitary EDI
- Skid-based standard & loop systems
- Self sanitisable EDI
- Cold WFI technology
- Ozonation techniques in clean utility systems

Global Regulations in High Purity Water Generation

- FDA, MCC, ISPE, cGMP, cGAMP, cUSP, cPh Eur., MHRA
- 100% FDA approval
- 400+FDA approved sites



Our Key Pillars

World-class Technology

Global water technology partnership with BWT. Backed by advanced engineering practices, premium components, and high-quality manufacturing that align with industry best practices

Unmatched Water Expertise

Proficient in navigating diverse local water conditions—addressing potability, source contamination, and regional climatic factors to optimize water treatment processes

Total Lifecycle Management

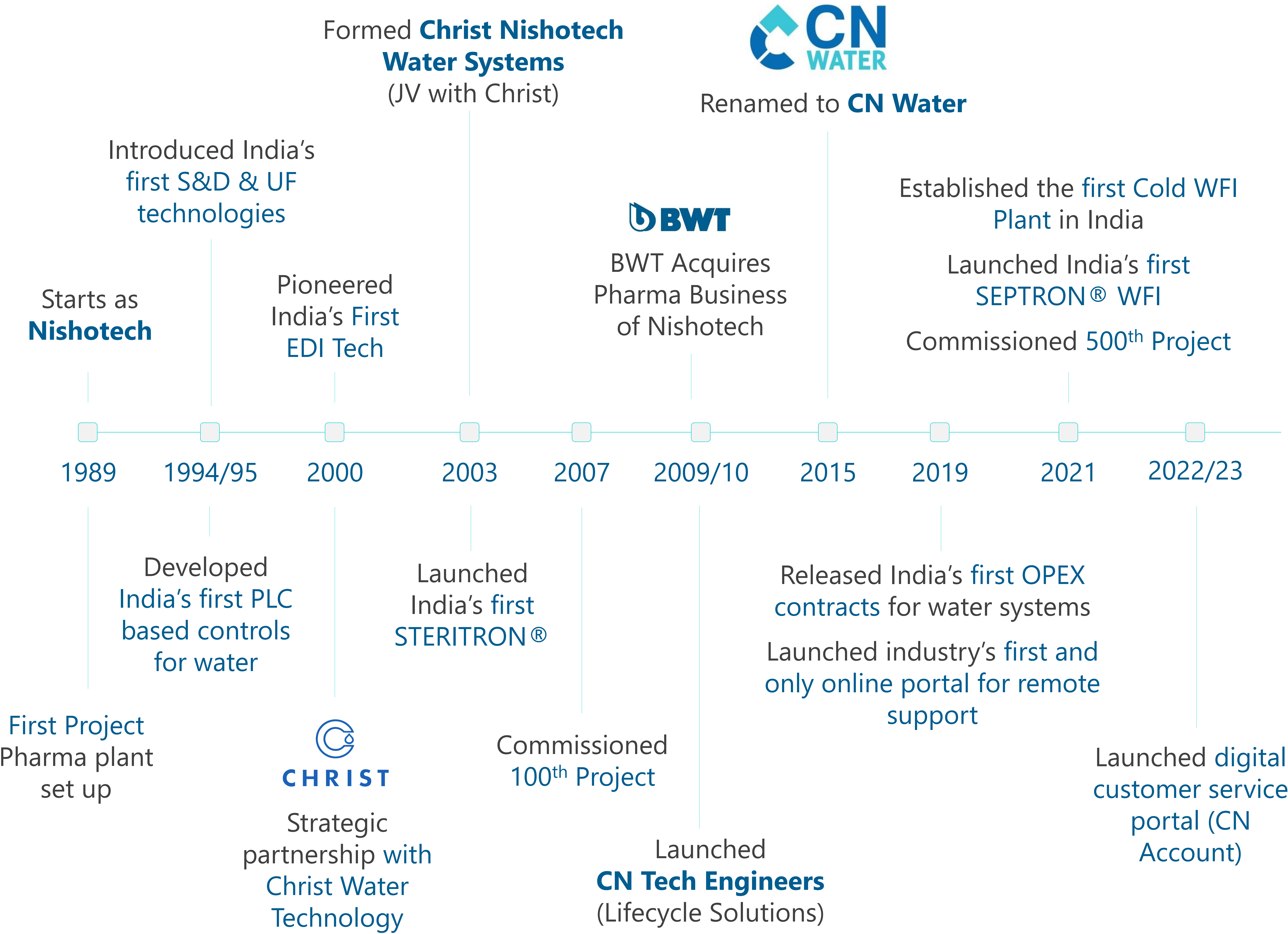
Take complete operational ownership to minimize business disruptions, regulatory non-compliance, supply chain downtime, and potential reputational damage

PURER SAFER GREENER WATER

CN Water is reshaping how the pharmaceutical, semiconductor, and biotech industries approach water purification. These core initiatives enable companies to achieve:

- Enhanced water quality, higher system reliability, and longer system lifespan.
- Adherence to stringent global standards (USP, GMP, FDA, EU GMP) for water quality.
- Reduction in energy usage, chemical reliance, and carbon footprint, supporting our customers' ESG objectives.
- With predictive maintenance, companies experience minimal unplanned downtime, ensuring continuous production.

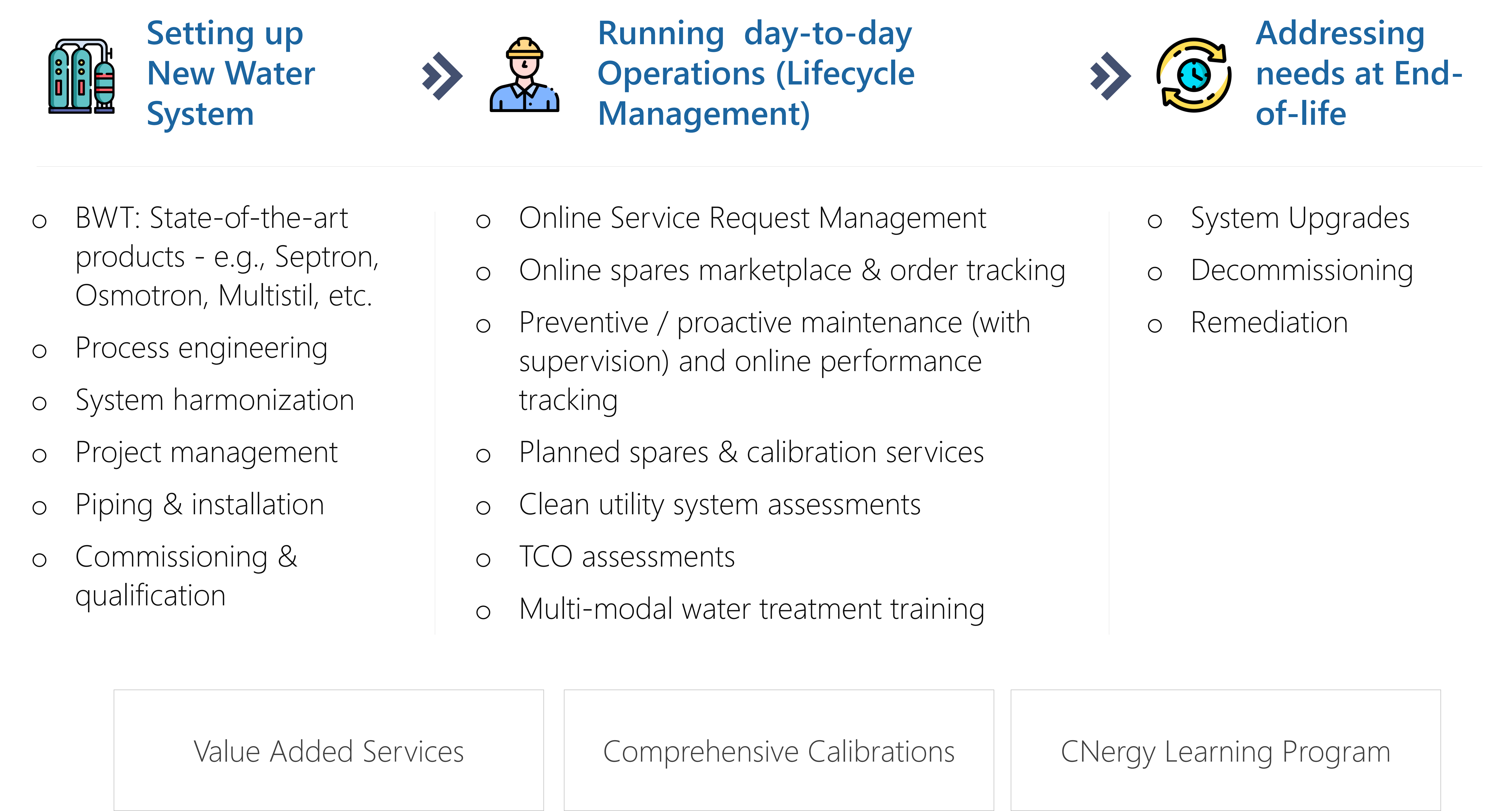
30+ Year Legacy



Lifecycle Approach to Water System Management

When you start a relationship with CN Water, you become part of our organizational mission to optimize water system performance, improve availability and drive down operating costs for our customers. Our Total Quality Management approach helps you minimize business losses due to quality and regulatory issues, supply chain downtime and adverse impact on reputation.

Many of the world’s leading pharmaceutical companies choose CN today because of our data and analytics driven approach to lifecycle management. Our deep understanding of critical water needs help us design water systems that meet your clean utility requirements in every situation



End-to-end Coverage of CAPEX Needs

The design, installation, commissioning, and maintenance of high-purity water systems are inherently complex and resource-intensive tasks. At CN Water, we recognize that building robust and world-class water systems goes beyond mere technical execution—it demands a meticulous focus on quality management. We provide complete technology coverage from Point of Entry (POE) to Point of Use (POU), by integrating advanced technologies and total quality management to meet specific needs of our customers.



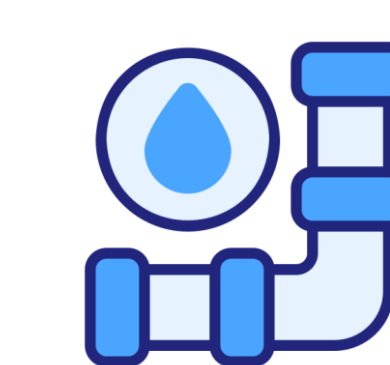
Headquartered in Austria, the BWT Group is one of the largest and most widely recognized names in the high purity water industry globally. BWT collaborates closely with CN Water to leverage our local experience, expertise and engineering capabilities to deliver world-class products to Indian pharmaceutical and manufacturing companies.

CN Water is solely responsible for all BWT Pharma product and service operations for the Indian market. As a Global System Integration Partner, we have built deep synergies with BWT to execute large turnkey projects in India, Middle East, Africa & South East Asia.



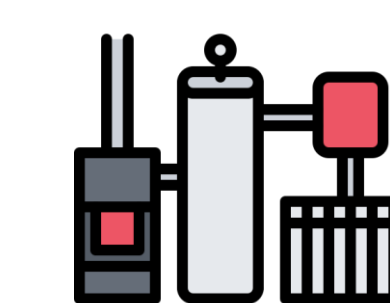
20+ years

system integration partnership to execute projects globally



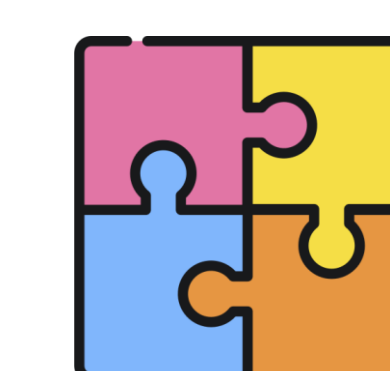
500,000+

running meters of piping installed



1,200+

skids installed and managed for 150+ companies (across pharma, CPG & other industries)



500+

turnkey water projects



300+

OSMOTRON RO-EDI systems installed at customer sites



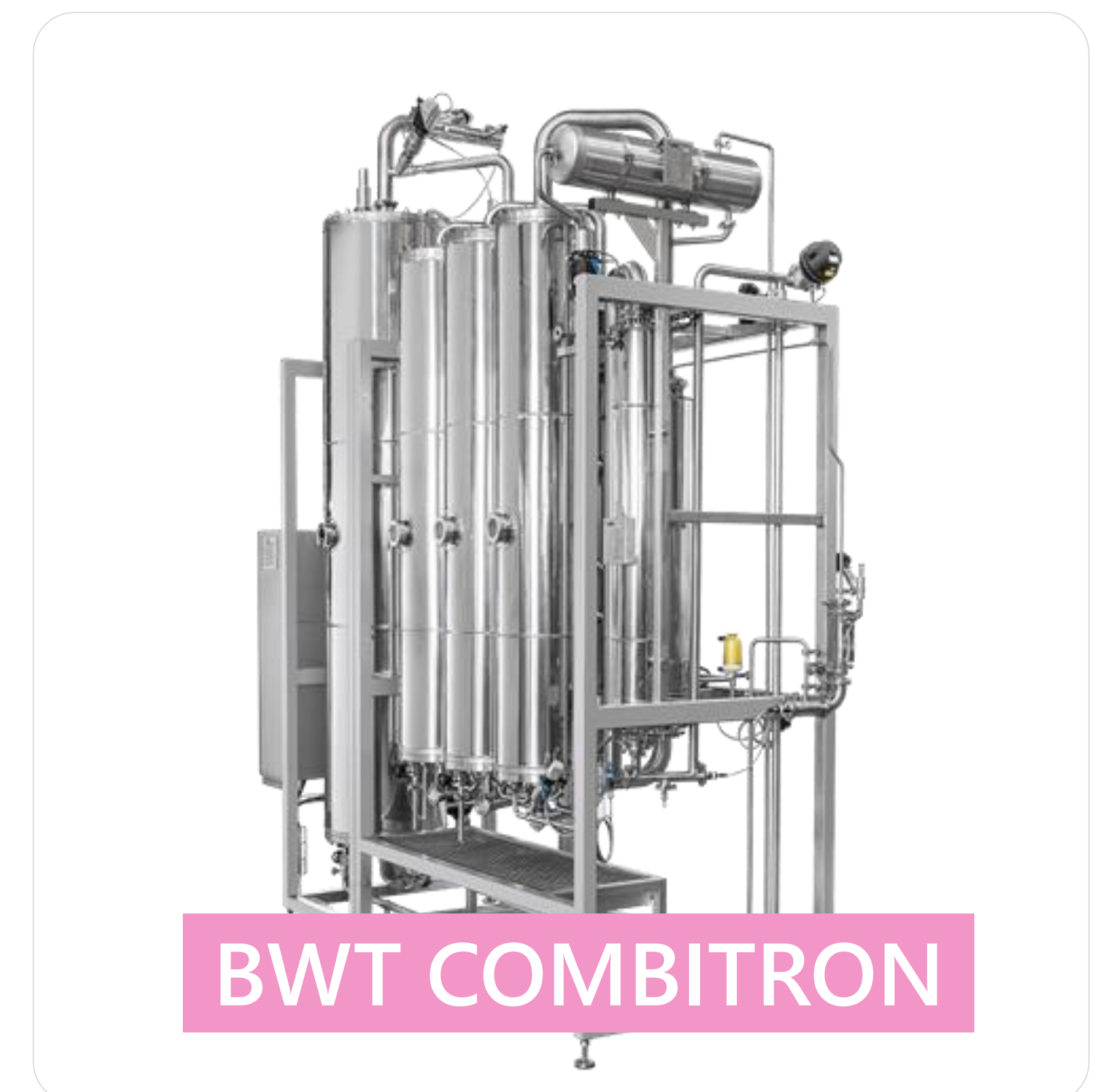
BWT OSMOTRON



BWT SEPTRON



BWT LOOPO WFI



BWT COMBITRON



BWT BEWAZON



BWT STERITRON



BWT BEWADES



BWT VAPOTRON



BWT MULTISTILL



BWT MULTITRON



BWT LOOPO C



CN LOOP SKID



Water Pre-Treatment

Handling some of the world's toughest source water conditions

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CN Water provides a comprehensive approach to address these challenges by integrating BWT's advanced water treatment products with its own custom-engineered solutions. This enables CN Water to effectively tackle a wide range of water quality issues.

By customizing the treatment process to the specific characteristics of the source water, CN Water ensures reliable, safe, and high-quality potable water that meets stringent regulatory standards and customer requirements

Pre-Treatment

CN RO-S

Hot water sanitisable RO systems, designed for potable water generation

Efficient and cost-effective RO system designed specially for Indian water conditions. CN RO-S gives you complete, compact system for removal of TDS and TOC.

CN DUO-RO

Fully automatic 2-stage RO systems for hygienic water generation

DUO-RO is an economical solution RO solution for generation of high purity water for industrial requirements. The emphasis is on simple and stable operation with simple controls.

BWT RO3UV

Eliminating bacteria, organics and biofilm in water tanks

The BWT RO3UV provides robust, proven and chemical free disinfection to ensure that the water in your water tanks and other storage facilities always remains clean, safe and hygienic.

CN UF

Powerful Ultrafiltration system to handle extremely difficult raw water conditions

Handles difficult water conditions and high occurrence of silt, using a patented Multibore membrane technology for better performance and reduced backwash requirements.

CN DUO-RO-S

Hot water sanitisable 2-stage RO systems, for potable and purified water generation

DUORO-S is an economical RO solution for generation of potable water for pharma requirements. The emphasis is on simple and stable operation with simple controls.

BWT ABWF

World-class Auto Backwash Filters

ABWF is an industry-grade backwash filter that automatically handles sediment and debris in water lines and fixtures. It ensures that your piping and fixtures stay protected over a significant period.



Purified & Highly Purified Water

**Pioneer in RO + EDI
technology for PW &
HPW generation, in
accordance with
Ph. Eur. and USP.**

BWT has over 50 years' experience in meeting the highest standards of water and other purified media. It develops products that minimize resource and energy consumption and an associated reduction in CO2 emissions

CN Water is a pioneer in bringing RO + EDI technology to the Indian pharmaceutical industry.

CN Water brings BWT's range of RO, UV and ABWF products for best-in-class purified water (PW) and highly purified water (HPW) generation. Our products are compact, skid-mounted, pre-qualified systems, fully tested at our factory and installed at site.

PW & HPW



BWT SEPTRON EDI

EDI technology with true sustainability – lowest TCO, less chemicals, less energy, less water.

The BWT-designed and patented SEPTRON EDI module was specially developed for the pharmaceutical industry. It provides an integrated, chemical-free approach to achieve low TOC and conductivity levels, while minimizing operational costs.

SEPTRON's compact footprint and modular configuration allow for easy integration into existing water treatment systems, ensuring sustainability and compliance with the most stringent quality standards.



BWT SEPTRONLine

The compact and economical PW solution

SEPTRON® Line is a standard series product for generating Purified Water and Highly Purified Water that is ideal for smaller performance applications. The system is space-saving and can be completely chemically sanitized.

The SEPTRONLine consistently provides the desired quality of water, in line with Ph. Eur. and USP, without leaving an unnecessarily large footprint in your production site. Including RO, SEPTRON EDI and chemical sanitization.

PW & HPW



BWT OSMOTRON Pro

World's Best PW Generation System

With more than 1,000 systems in operation worldwide, the OSMOTRON Pro is arguably the world's best solution for reliable, cost-effective, and environmentally friendly PW production.

It is a consolidated unit for generating pharmaceutical water, with all process steps preassembled on a single skid - prefilter, softening, RO, and SEPTRON EDI. The integrated AQU@View Automation provides complete process visibility.



OSMOTRON CN

All-in-one system for PW and HPW generation, storage, distribution, and monitoring.

With over 400 Operating units, OSMOTRON CN is India's most Robust and long lasting single-skid system RO+EDI for the generation of high purity pharmaceutical water, along with a thermally sanitisable system.

With integrated loop control, OSMOTRON CN is an extremely compact unit for PW generation, storage, distribution, and monitoring in line with Ph. Eur., USP, and IP

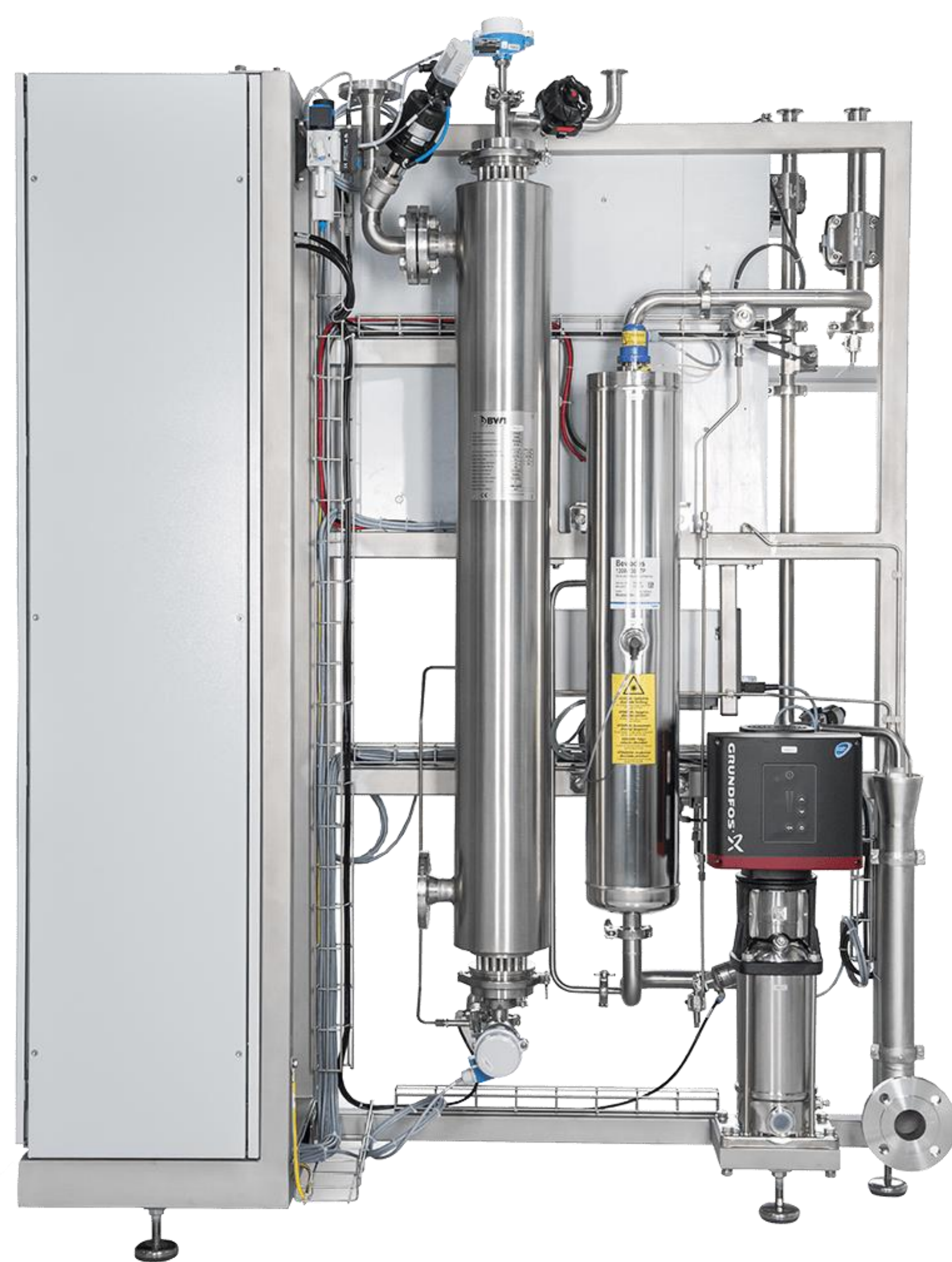


BWT BEWAZON

Safe and compact air-based ozonation system for reliable potable water decontamination

BWT BEWAZON is a powerful system for reliable, cost-effective, air based ozonation. It features a fully automated process, using an integrated, programmable logic controller.

Since it uses ambient air, BEWAZON does not need oxygen concentrators, additional gas cylinders, or other consumables. This simplifies the system setup, while reducing operational costs and environmental risks.



BWT BEWADES

The simplest UV solution to remove ozone from water

BEWADES from BWT offer the simplest and most effective solution for removing ozone from water, ensuring a high degree of operational safety with minimal maintenance and low operating costs.

The system is designed to destroy the ozone before it reaches the point of use via the loop, making it the perfect supplement to the STERITRON and is used as standard with every BWT LOOPO C and LOOPO WFI.



WFI & Pure Steam

**Meeting stringent
quality needs
and regulatory
guidelines**

CN Water's range of company and standardized WFI & Pure Steam products (from BWT) match global standards for performance, reliability, safety and energy efficiency. Each system complies with the latest cGMP and GAMP requirements.

The products are fully equipped to be integrated to an overall building management or 21 CFR Part 11 system. CN Water also helps you assess the right sizing and generation process for your needs.

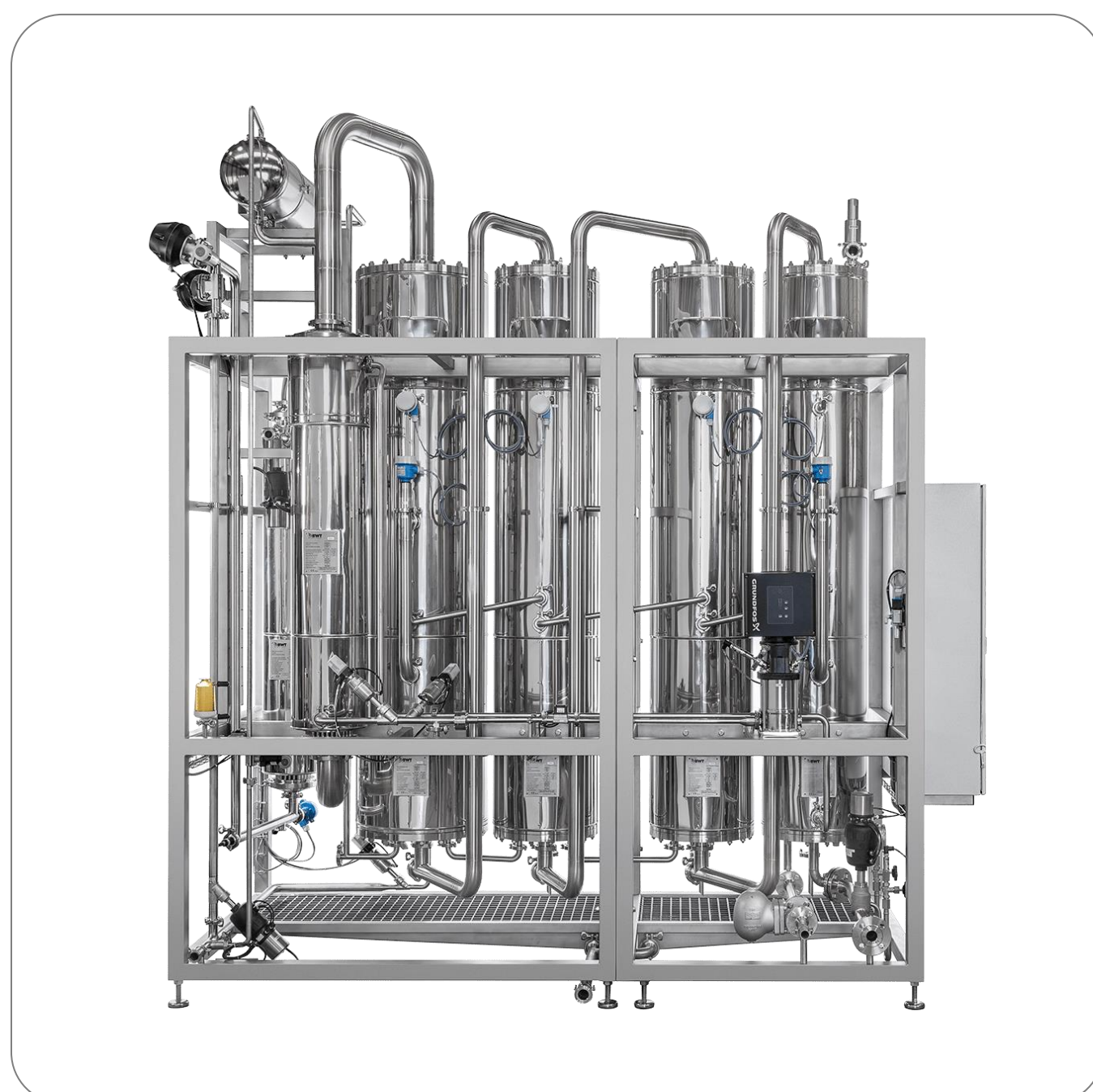
WFI & Pure Steam



BWT MULTISTILL

WFI generation with robust, proven falling film distillation

MULTISTILL is an extremely cost-effective falling film distillation unit that continuously produces WFI from a wide range of feed water qualities.



BWT MULTITRON

Multi- column distillation in the natural circulation process

MULTITRON multi- effect distillation units let you generate WFI through a proven distillation technique, in both small and large measures, and with a high degree of energy efficiency



BWT VAPOTRON

Reliable unit for generating sterile and pyrogen- free Pure Steam.

VAPOTRON systems reliably produce pure steam for a number different application areas and are suitable for all cGMP applications, with very low energy consumption



BWT COMBITRON

WFI and Pure Steam production perfectly harmonized

A combined pure steam and distillation unit for pure steam and Water for Injection (WFI). This is made possible using a specially designed first column that has a bigger diameter and uses the natural circulation principle

Storage & Distribution

Pioneer in loop piping and cGMP guidelines for storage & distribution of pharma water



BWT STERITRON

Safely store and distribute PW and WFI at ambient temperature

The STERITRON by BWT is a reliable and cost-effective product to ensure safety during cold storage of PW and WFI. The STERITRON cell uses ozone to protect stored PW and WFI.



BWT LOOPO C

The solution for safe PW storage, distribution and monitoring

LOOPO C is a combination of ozone and UV, designed for the safe storage, distribution, monitoring, and sanitization of Purified Water.



CN LOOP SKID

Complete storage and distribution system designed for Indian conditions

CN LOOP SKID is the original skid for distribution, disinfection and monitoring of PW & WFI in the Indian pharma market, that follows cGMP guidelines for storage and distribution.



Lifecycle Management Solutions

Achieving Optimal Performance and Productivity at Lowest Possible Lifecycle Costs

Traditionally water systems have been perceived largely as a capital expense. With time, as plants get older, operating expenses tend to increase due to growing maintenance costs, upgrades, replacement of spares and changing water recoveries.

CN Water takes a holistic view of the water system, factoring every operating cost across the entire life cycle of the plant. It provides a range of programs, offerings and technology platforms tailored to make this happen. We help customers achieve optimum performance of water systems at the lowest possible running costs and carry out process improvements to maximize productivity.



UPW Systems: Lifecycle Management

Driving Efficiency and Sustainability

Producing and maintaining Ultrapure Water (UPW) at industrial scales involves navigating several critical factors including stringent quality control, feed water quality issues, continuous monitoring, handling operational risks and adherence to regulatory standards. This makes UPW systems extremely challenging to install and manage.

CN Water specializes in overcoming these challenges with 30+ years of expertise in water system design, process engineering, integration and maintenance. Our Lifecycle Solutions support your journey towards net-zero water, helping you build superior water quality and long-term sustainability

Operations & Maintenance

Baseline Service	<ul style="list-style-type: none">○ Remote support & field visits at standard man-day rates
Preventive Maintenance Plan (PMP)	Baseline Service + <ul style="list-style-type: none">○ Prioritized Technical Support○ Preventive Maintenance through planned visits
Supervision & Maintenance (S&M)	Preventive Maintenance Plan (PMP) + <ul style="list-style-type: none">○ Dedicated supervisor certified by CN on Water Systems○ Continuous monitoring & analytics using 24,000+ data points○ O&M option - 24 X 7 X 365 staff availability on location

Spares & Consumables

Spares Marketplace	<ul style="list-style-type: none">○ Availability of spares, parts and consumables online○ Standard pricelist
Planned Spares	Spares Marketplace + <ul style="list-style-type: none">○ Intelligent planning of critical spares and consumables with customer notifications
Managed Spares	Planned Spares + <ul style="list-style-type: none">○ Coverage of all critical parts○ Guaranteed delivery timelines through proactive inventory management

Our Zero Headache Philosophy

We believe that the quality and performance of water systems is a strategic need that impacts all facets of operations, including quality, performance, efficiency, cost and competitiveness.



99.8%

plant availability achieved across comprehensive contracts



~10%

typical reduction in operating costs through lifecycle management solutions



600+

managed plants across India



180+

lifecycle management experts



3,000+

service requests resolved annually



20,000+

parts shipped annually



UNCOMPROMISED PERFORMANCE

- Superior plant performance – across all aspects
- Deep expertise across processes, regulations and global standards
- Data and analytics driven



CULTURE OF RELIABILITY

- Exceptional customer record
- Culture of ownership and commitment to ROI
- Have always stood by and supported our customers



COMPLETE OWNERSHIP

- Take away the entire headache of plant maintenance.
- Handle anything and everything
- Focus on minimizing operating costs

Digitization, Data & Analytics

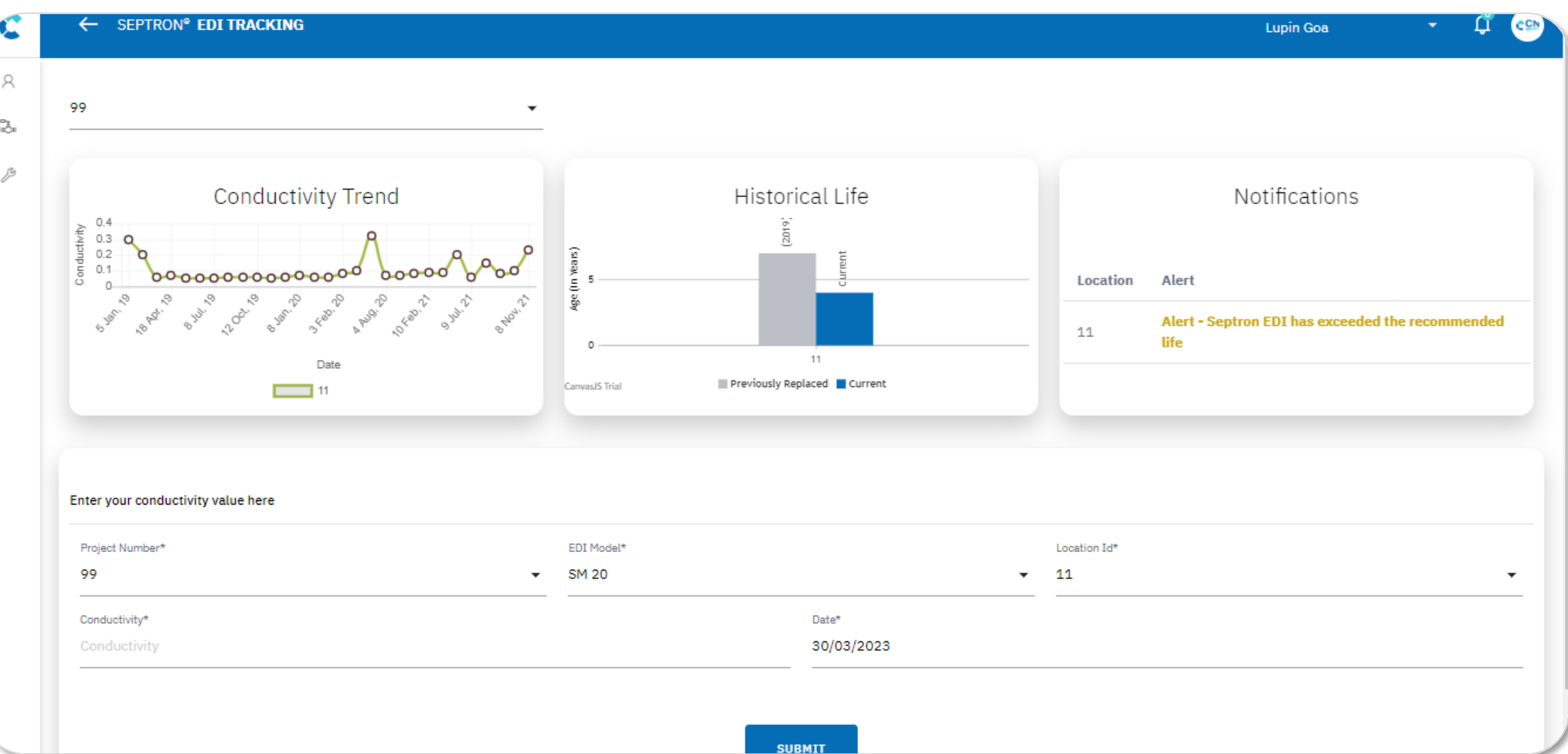
Achieving Efficient, Sustainable and Reliable Water System Operations

Many of the world’s leading pharmaceutical companies choose CN today because of our data and analytics-driven approach to lifecycle management. By combining IoT, data management and cutting-edge analytics, we drive smarter water management solutions that support compliance, reduce costs, and minimize environmental impact.

With our innovative **CN Account** platform, clients gain a centralized hub for seamless access to all water system data, enhancing decision-making and efficiency.

Our **H2FLO portal** helps centralize your water system management processes, including troubleshooting & issue resolution, spares management and plant performance analytics.

With our state-of-the-art **Remote Monitoring** capabilities, we provide continuous IoT driven oversight, proactive alerts, and actionable analytics, ensuring that water systems remain efficient, sustainable, and reliable throughout their lifecycle.

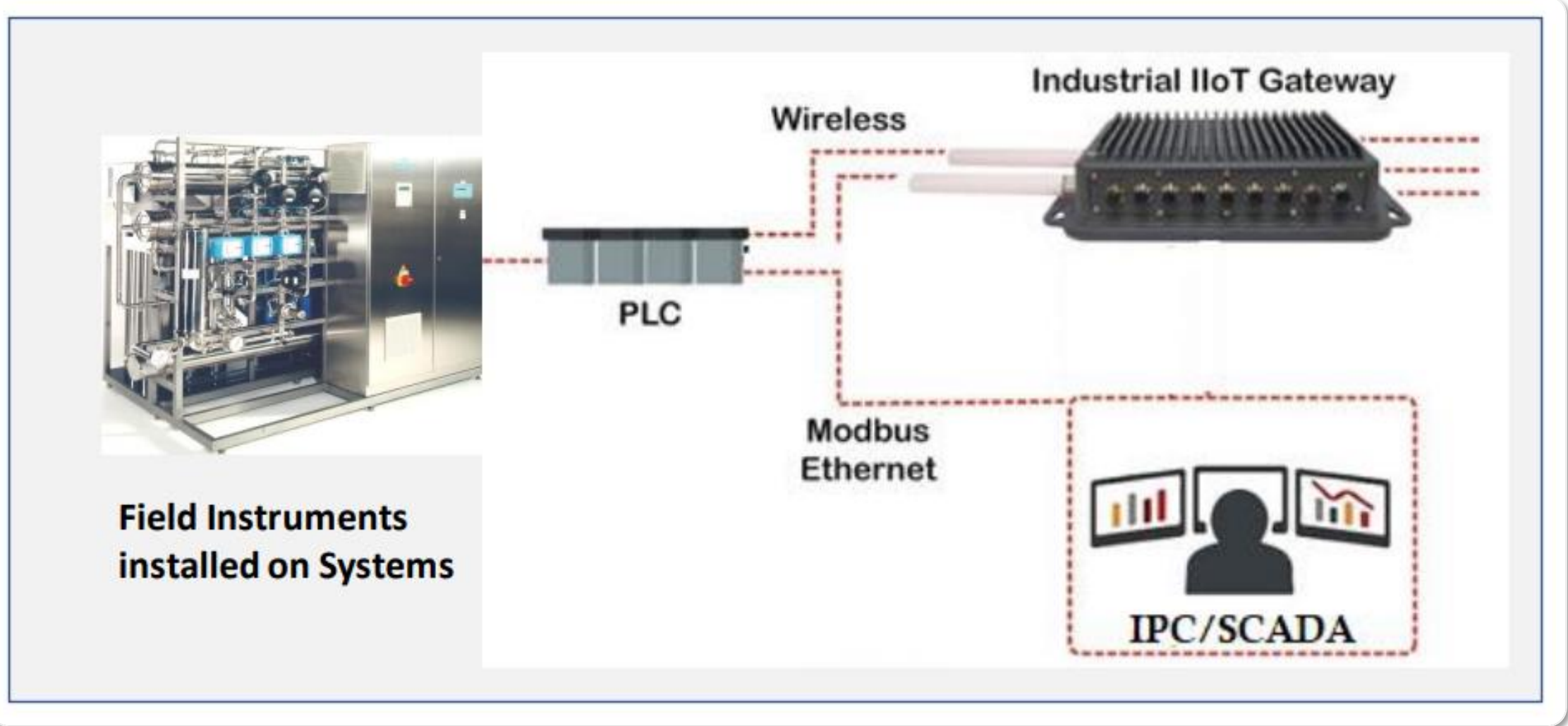


CNACCOUNT

End-to-end Project
Transparency & Real-time
Auditability

H2FLO

Anytime, Anywhere, Any
System – Operations &
Maintenance Support



REMOTE
MONITORING

24 X 7 Condition Monitoring
of Clean Utility Sites &
Equipment



CN Account

Complete automation and centralization of Water System Lifecycle Management

CN Account is a secure and centralized system that allows plant heads and service engineers to easily access a wealth of information, resources, and services. This means that they can quickly find the data they need and use analytics tools to gain valuable insights.

Whether it's accessing important reports, tapping into a database of resources, or utilizing various services, CN Water streamlines the process. This not only boosts efficiency but also ensures that plant operations and maintenance are carried out effectively.

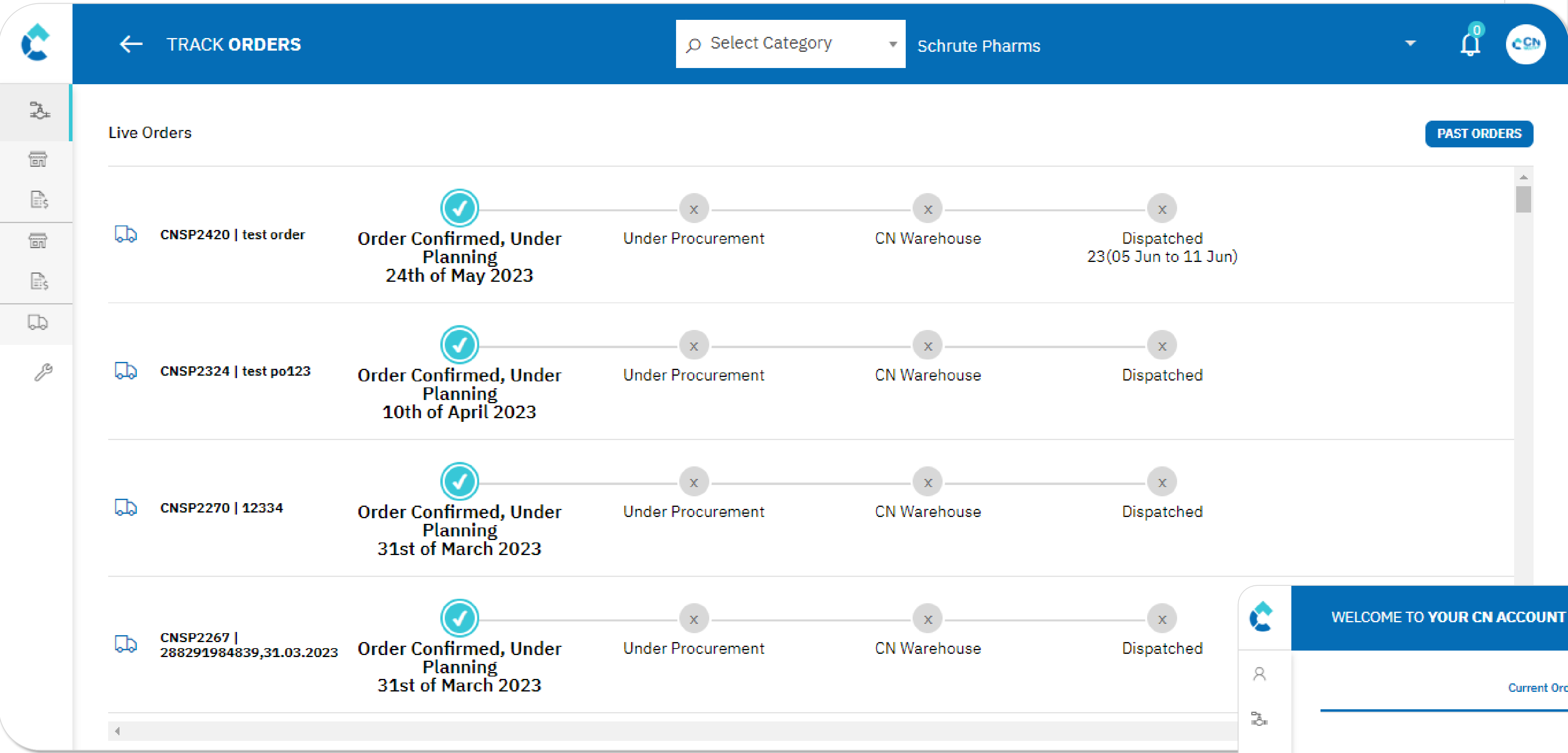
Highlights

- Enhanced connectivity, allowing users to track system performance anytime, anywhere
- Strong analytics and reporting across 50+ performance metrics
- Online service request management
- Instant access to Spares Marketplace
- Instant access to all plant reports and documentation
- Easy customization to support different needs

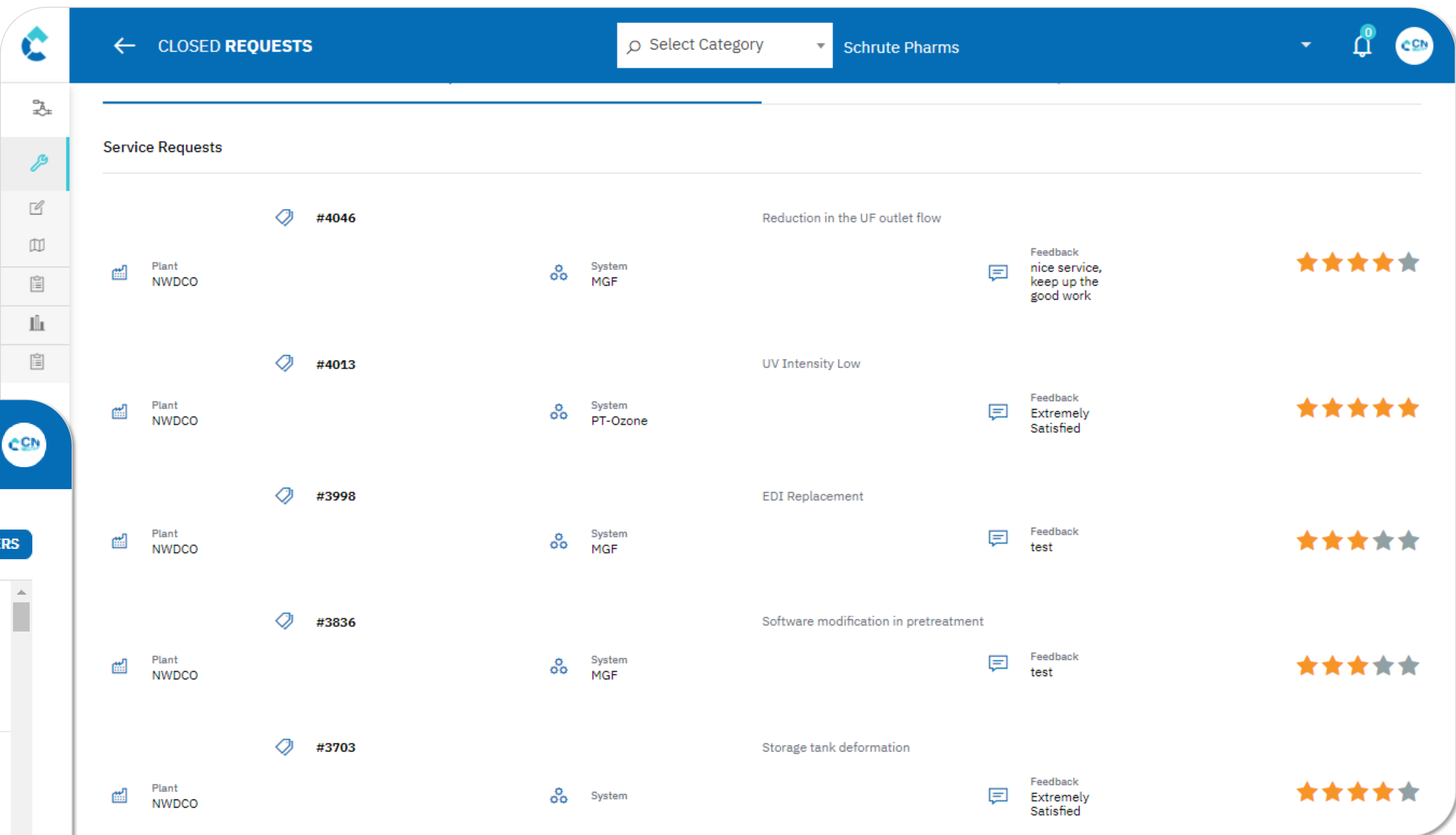
CN Account: Highlights

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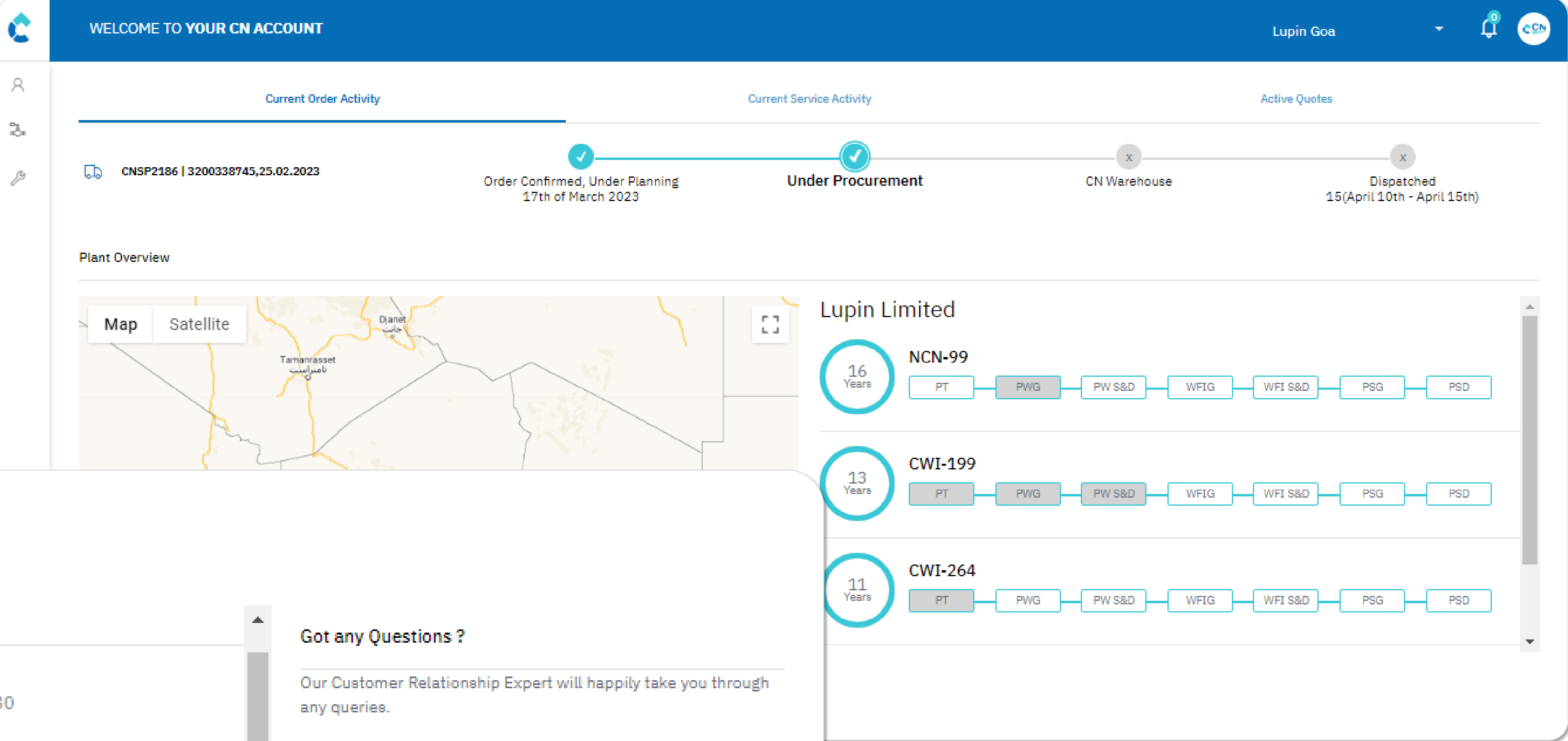
Order Tracking



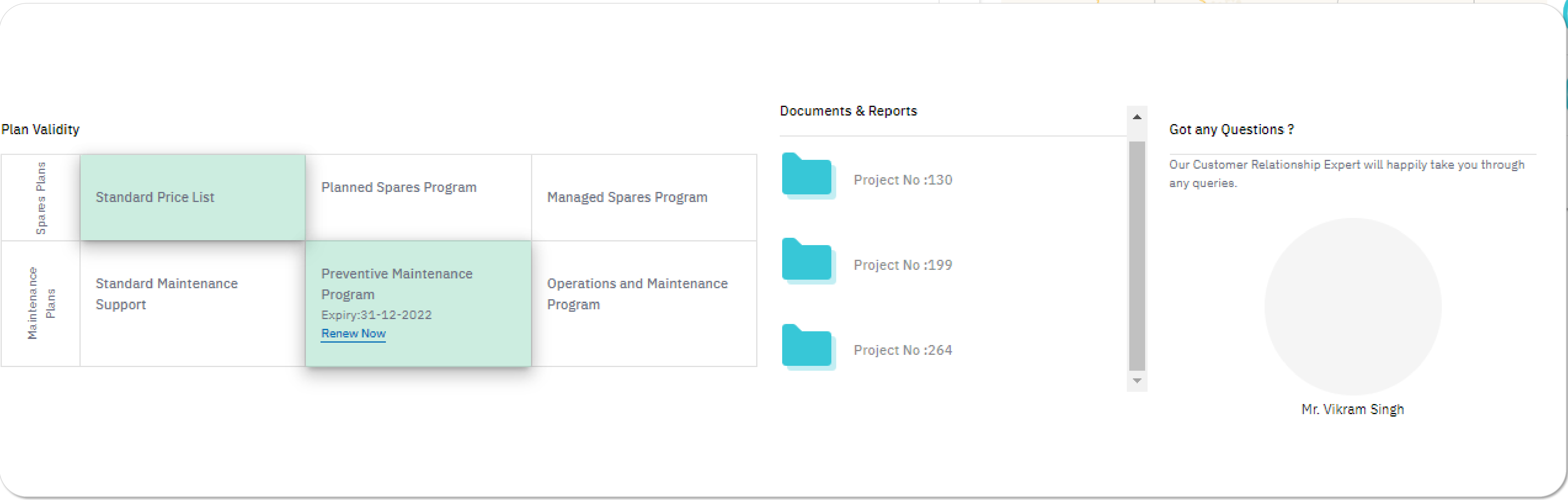
Service Request Management



Spares Marketplace



Contract & Document Management



H2FLO: Anytime, Anywhere, Any System

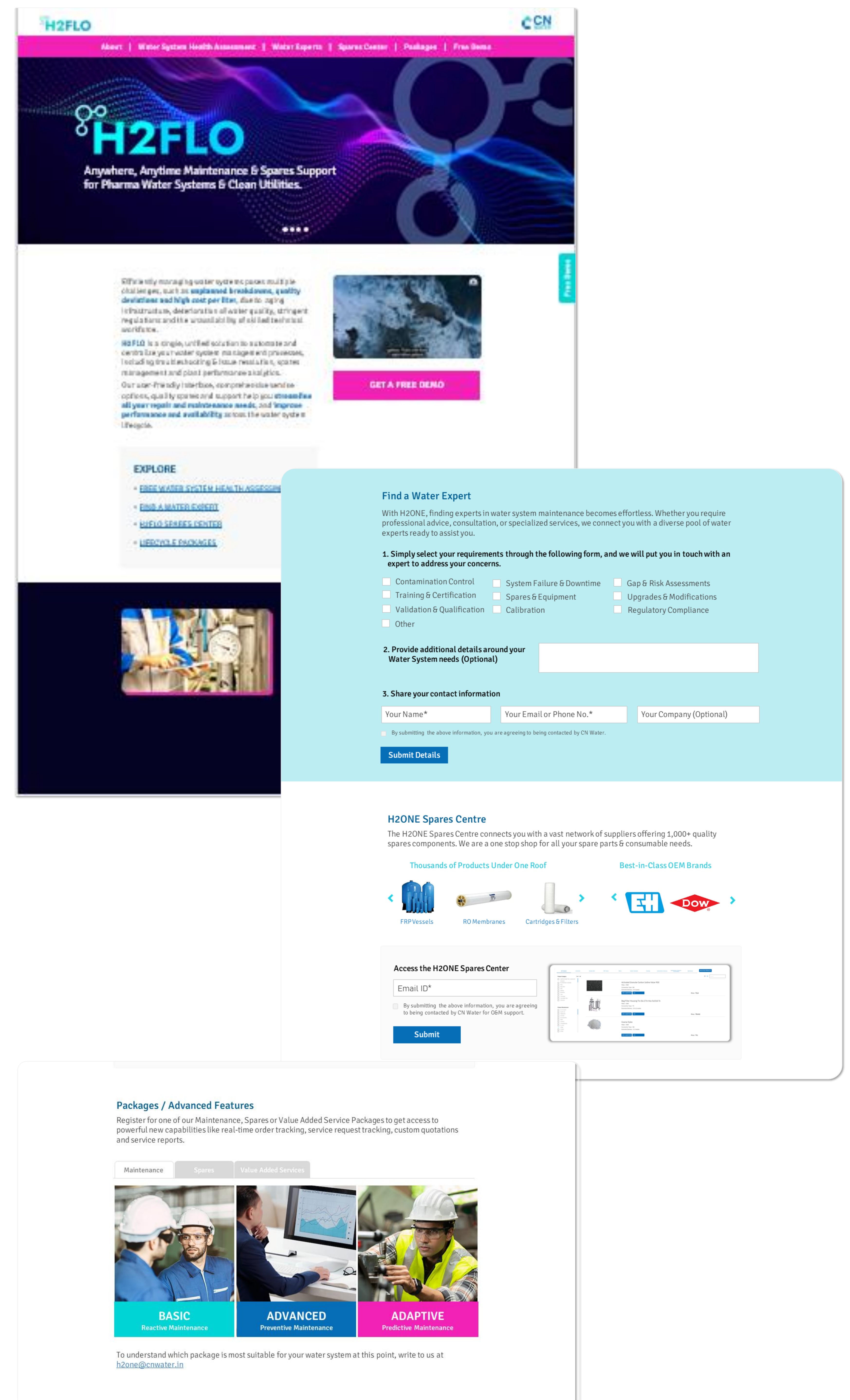
Digital Portal to Help Pharma Industry Handle Water System Operations Challenges

Efficiently managing water systems poses multiple challenges, such as unplanned breakdowns, quality deviations and high cost per liter, due to aging infrastructure, deterioration of water quality, stringent regulations and the unavailability of skilled technical workforce.

H2FLO is a single, unified solution to automate and centralize your water system management processes, including troubleshooting & issue resolution, spares management and plant performance analytics.

- Any water system – make, type or company
- Any problem or challenge – POE to POU
- Any maintenance need – O&M, spares, predictive maintenance, supervised, etc.
- Any stage – new skids to legacy systems
- Anytime you require support
- Anywhere in India
- Anyone can raise a query or connect with us

Our user-friendly interface, comprehensive service options, quality spares and support help you streamline all your repair and maintenance needs, and improve performance and availability across the water system lifecycle.





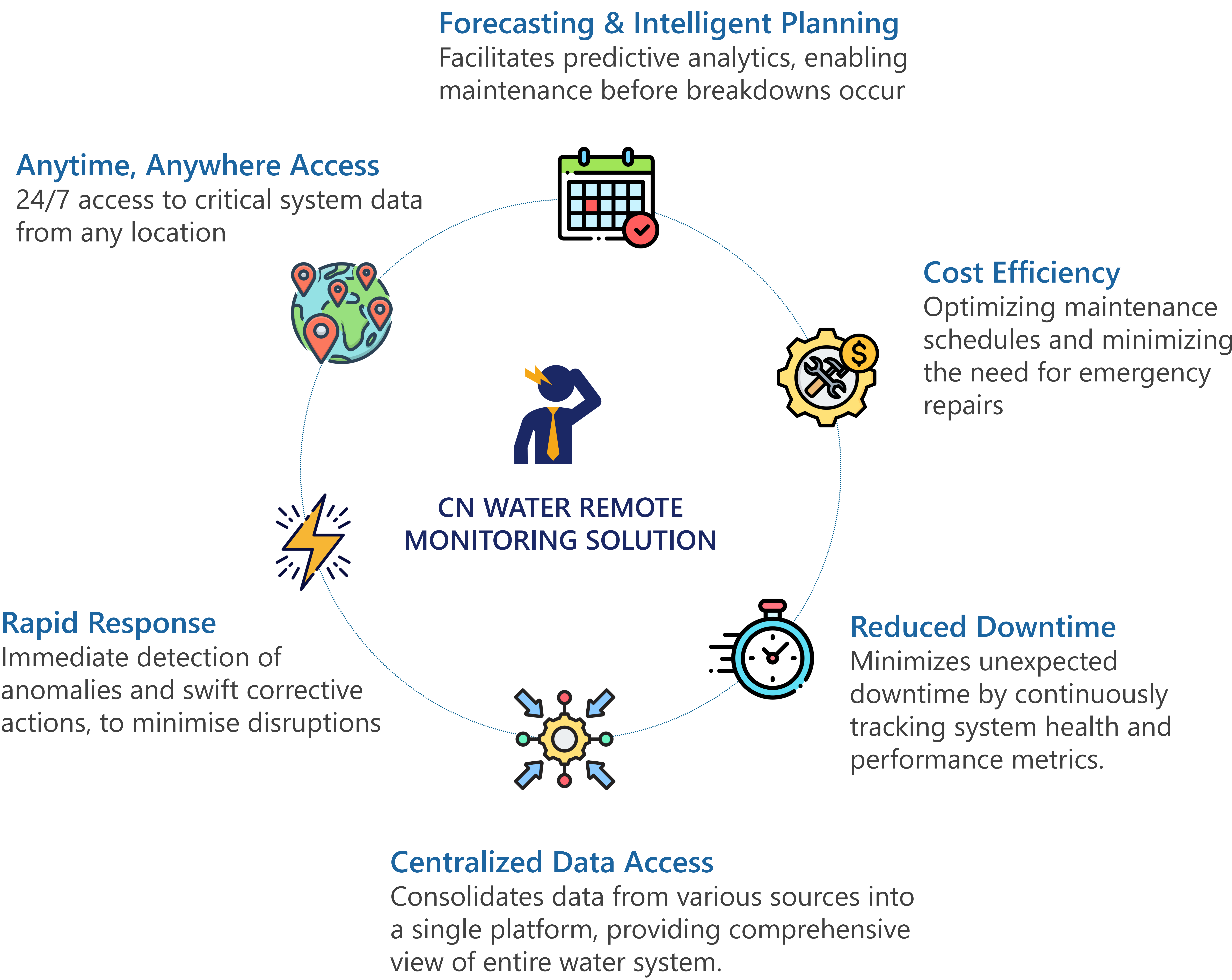
Remote Monitoring Solutions

Continuous Access to Critical System Data

Remote monitoring of water systems is the real-time, continuous oversight and management of water system performance, enabling proactive maintenance and quick response to potential issues. This is achieved through a network of IoT sensors and analytics software that collect, transmit, and analyze data in real-time, providing actionable insights for optimized system management.

Remote monitoring provides operational teams and decision makers 24/7 access to critical system data from any location, ensuring faster issue detection and a more preventive approach to plant maintenance.

Remote Monitoring: Addressing Key Challenges in Water System Operations



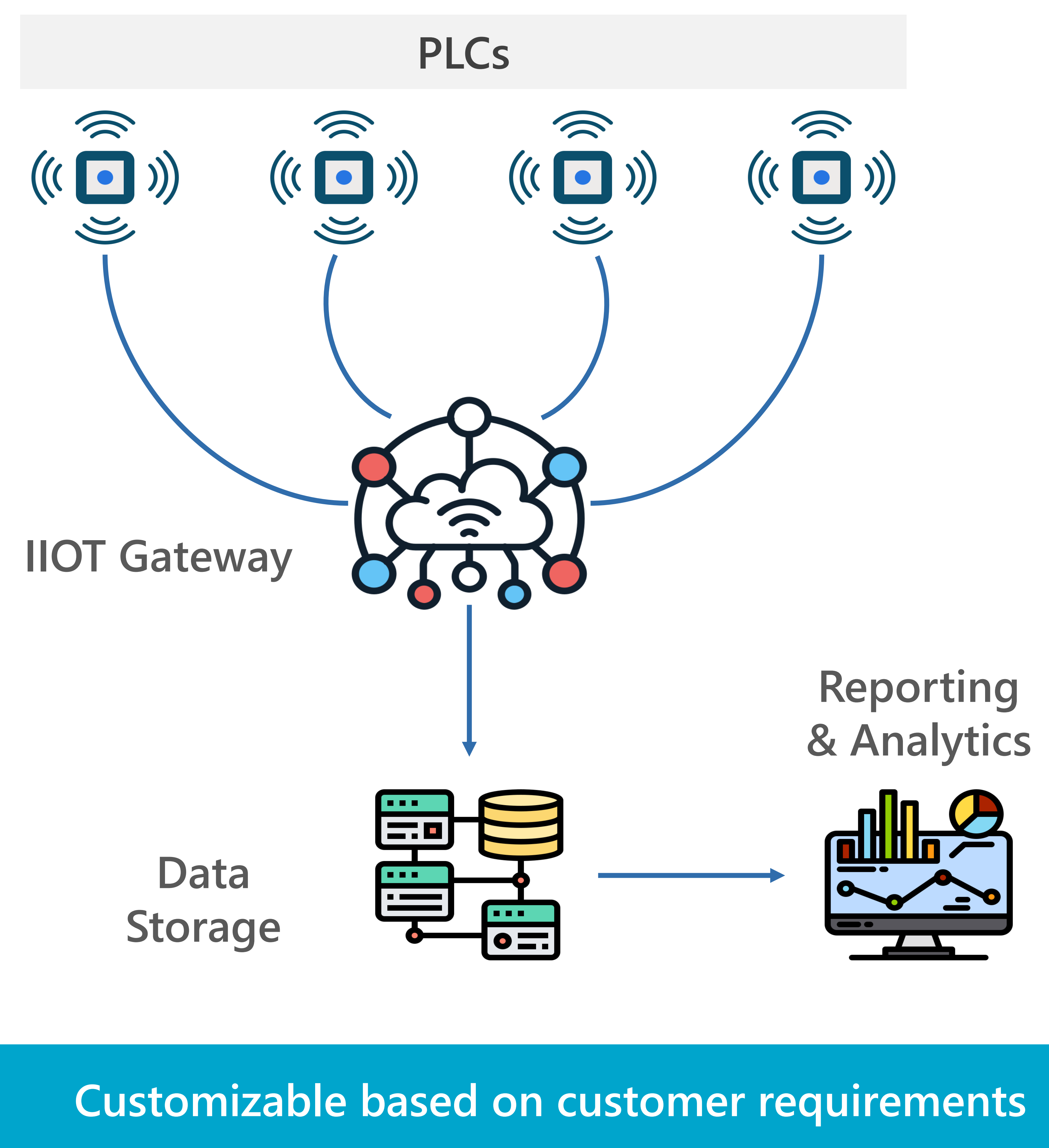
Remote Monitoring: Data Pipeline Management

Data Pipeline Management ensures a continuous flow of accurate, real-time data. It enables seamless integration of data from multiple sensors and devices, allowing for comprehensive monitoring of system performance and rapid identification of issues.

CN Water has developed a robust framework for data pipeline management, in partnership with some of the world's leading technology providers, to ensure that water systems remain reliable, efficient, and compliant with industry standards.

Highlights

- Continuously collects, processes, and analyzes real-time data from your systems using IIOT devices
- Transforming raw data inputs into actionable insights
- Provides a unified, real-time view of system performance
- This is used by maintenance team and service engineers for early detection of potential issues
- Better predictive maintenance to lower breakdown risks



Technology Partners



CNergy

Specialized learning programs designed for the water needs of the pharma industry

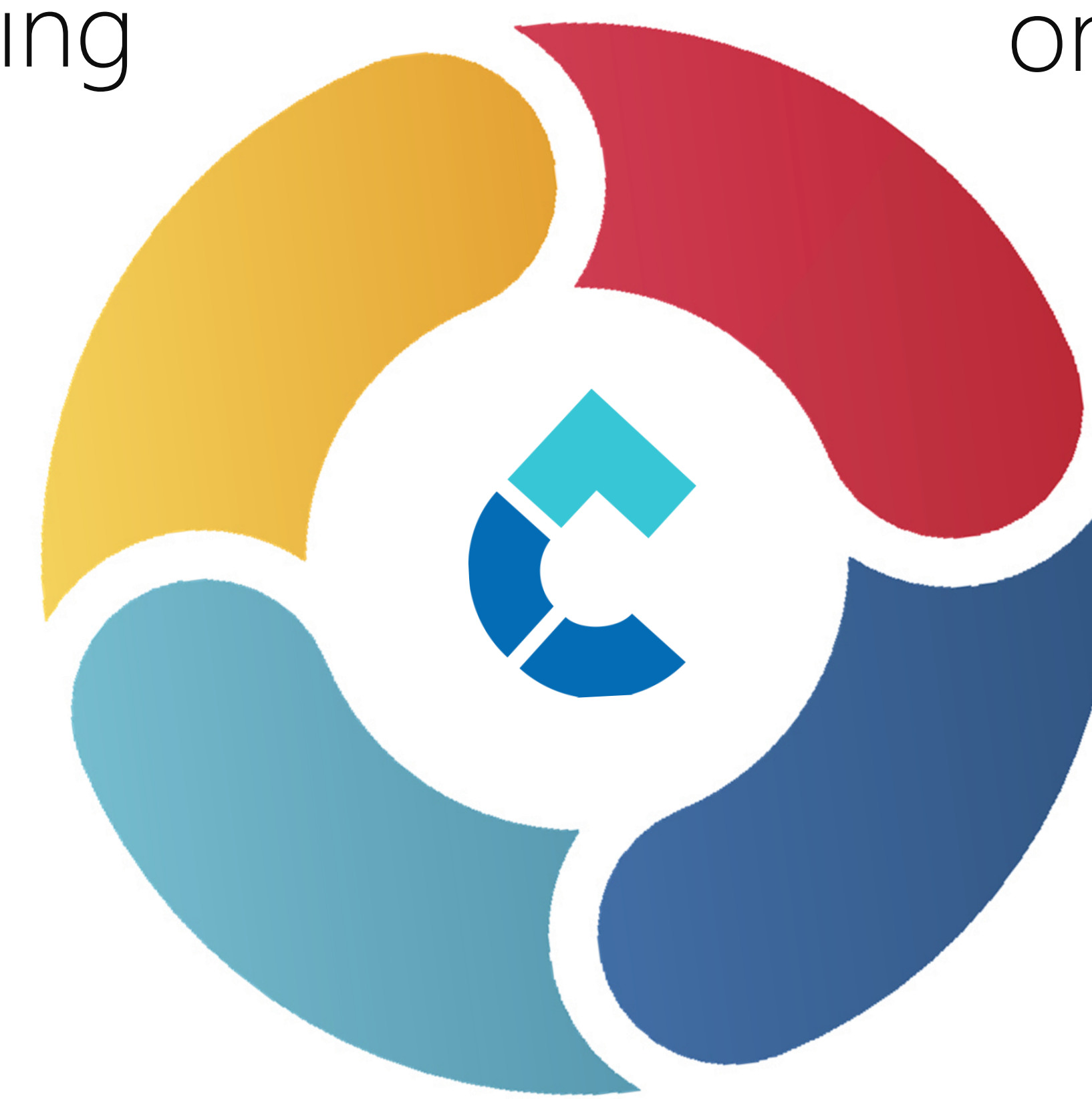
The CNergy Capability Development and Certification Program is the amalgamation of 30+ years of experience, research and our combined expertise across the water system lifecycle – including design, installation, commissioning, operations, monitoring, maintenance and troubleshooting.

Education

Workshops,
classroom training

Experience

Projects, simulations,
on-the-job training



Exposure

Mentorship &
peer interactions

Environment

Continuous development through
accessible resources and tools

We have charted out the critical competencies required for water system operations and maintenance. We then translated these competencies into several learning modules that help customer teams improve productivity and technical knowledge related to high purity water. These learning programs will help you train new personnel or to improve the depth of understanding for existing personnel.

A close-up, artistic shot of water with a teal color grade. The surface is covered in gentle ripples and small waves, creating a textured, undulating pattern. The lighting is soft, highlighting the crests of the waves and casting subtle shadows in the troughs. The overall effect is a serene and dynamic representation of water.

Driving Quality & Sustainability

Innovating to Build More Efficient & Responsible Systems

Recognizing that water is one of our most precious resources, we combine energy-efficient technologies, waste reduction strategies, and water reuse and recycling solutions that help industries achieve sustainable operations. By leveraging digital tools like IoT-based monitoring and data analytics, along with implementation of advanced technologies we work towards reducing the carbon footprint and chemical usage across water treatment processes.

From the initial design to the ongoing maintenance and optimization, every stage of the water system lifecycle is guided by a commitment to sustainability. At CN Water, we don't just build water systems; we pioneer innovative, sustainable solutions that help our clients lead in their industries while protecting the planet for future generations.

Our New Facility

50,000 Sq. Ft.

- Upcoming Facility for Production, Assembly & FAT
- 20 mins from International Airport





CN Water Systems Pvt. Ltd.

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Palava 1, Taloja-Ambarnath Link Road,
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