



THE FUTURE OF WATER IS WIRELESS

Delivering IoT connectivity
solutions where failure is
not an option

DIGI  [®]

DIGI CONNECTS OUR COMPLEX WORLD

Digi International is a global provider of mission-critical Internet of Things (IoT) connectivity across the most challenging environments.

From aquifers, reservoirs and wells, to lift stations, sewer systems and water treatment plants, count on Digi to help you improve efficiency, cut costs and increase operational control.



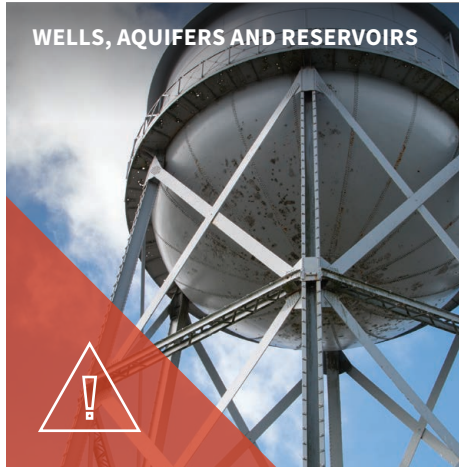
WHAT'S AT STAKE

Manual processes and outdated technology are putting a strain on the water and wastewater industry. Sewer overflows, contaminated water, high operational costs, environmental damage and heavy fines are just a few of the consequences of using old methods.



HIGH COST OF COPPER

The cost of maintaining copper wiring is becoming prohibitive. In addition, analog communications don't provide the detailed information you need to anticipate and address equipment failure.



UNRELIABLE COMMUNICATIONS

Water levels are in a constant state of flux. Without real-time visibility or reliable communications, you run the risk of overusing a single source, causing a dangerous drop in water levels, or conversely, not tracking fast-rising water levels which can result in flooding.



NON-COMPLIANCE AND FINES

A heavy storm or lift station system failure can cause a sudden rise in sewer levels. Periodic manual monitoring and data collection doesn't give you time to avert a hazardous overflow event, public relations nightmare and heavy fines from environmental agencies.



NO REAL-TIME VISIBILITY

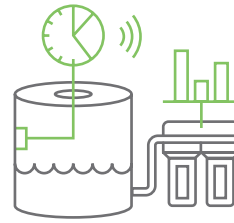
2G and 3G networks are being phased out. Water treatment plants that don't upgrade to LTE run the risk of losing communication with critical assets that have to be monitored in order to meet service quality, regulatory and reliability goals.



MISSION-CRITICAL IoT CONNECTIVITY

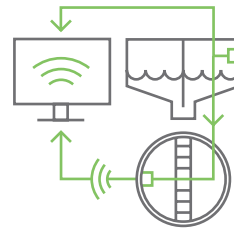
FOR WATER AND WASTEWATER MANAGEMENT

Digi connectivity is ideal for water and wastewater treatment plant monitoring, lift station control, chemical monitoring and control, SCADA system communication and water flow control. In addition, Digi wireless solutions promote compliance with the guidelines and requirements of the Critical Infrastructure Protection (CIP) Act.



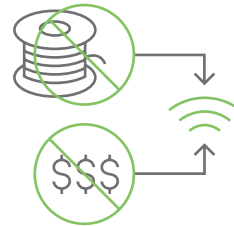
Real-Time Insights

Digi gives you real-time visibility of your entire system—water levels, chemical balance, equipment status, leak detectors, flow meters, sensors—so you can address remote and in-plant situations before they become problems.



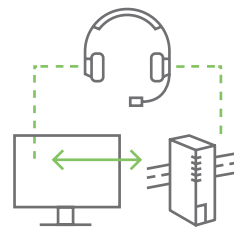
Greater Automation

Digi automates time- and labor-intensive processes, including water and sewer level monitoring, software updates, and communication between displays, sensors and equipment. Automated alerts let you avoid costly system failures that can harm the community, the environment and your business.



Decreased Costs

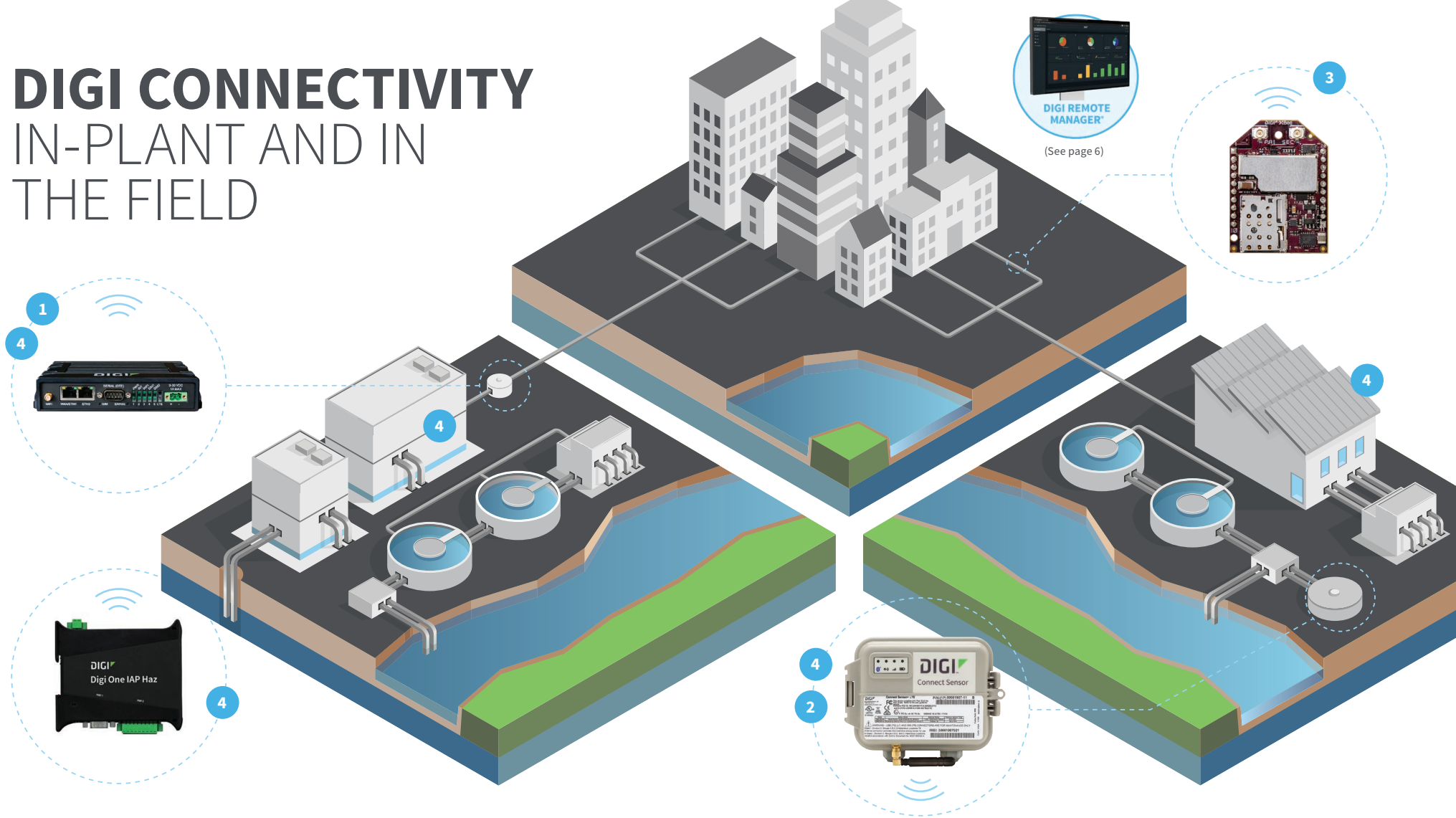
Migrating to Digi wireless connectivity eliminates the high cost of maintaining copper wiring for remote locations, and traveling to multiple sites to physically monitor equipment and sensors. Digi connectivity solutions can also help you comply with regulatory mandates and avoid fines.



Reliable Technology

Digi products are engineered for reliability, consistency and integration with a wide variety of sensors and operational SCADA systems, and we back them up with expert technical support. With Digi LTE connectivity, you can monitor critical assets in order to meet service quality, regulatory and reliability goals.

DIGI CONNECTIVITY IN-PLANT AND IN THE FIELD



1 LIFT STATION MONITORING

Digi IX routers, like the IX20, provide relentlessly reliable connectivity for you to monitor your pump status. Standardize on one cellular device and select the best carrier for each remote site.

2 SOURCE WATER MONITORING

When combined with a submersible pressure sensor, Digi Connect® Sensor+ is a low-cost, battery-powered solution for monitoring and tracking water levels. No additional development or infrastructure needed.

3 SEWER LEVEL MONITORING

Digi XBee® radios provide wireless communications to support remote connectivity for reliable monitoring and tracking of sewer water levels.

4 TREATMENT PLANT MONITORING

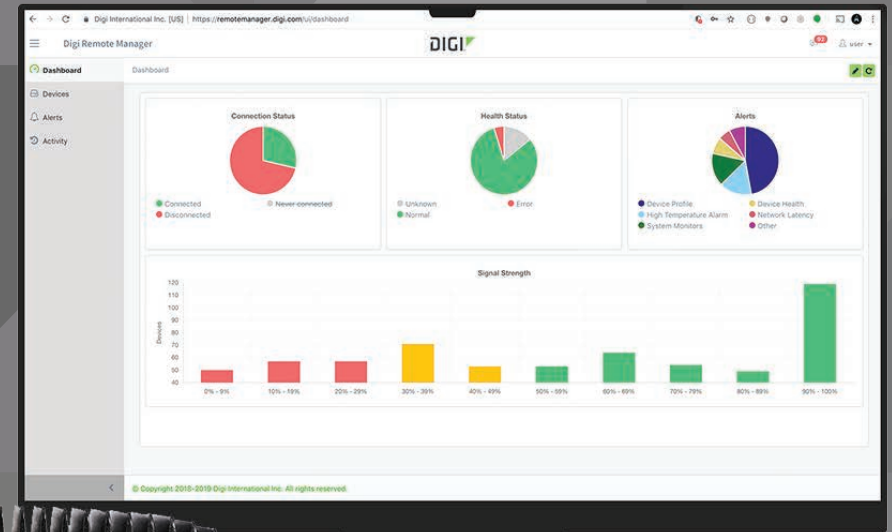
Digi One IAP HAZ, Digi IX20 and Digi Connect® Sensor+ are solutions that deliver fast, reliable communication from all SCADA equipment, including RTUs, PLCs, HMI devices, actuators and sensors. Digi products integrate seamlessly with your systems.

REAL-TIME VISIBILITY, MANAGEMENT AND CONTROL

DIGI REMOTE MANAGER

Accessing assets through Digi Remote Manager® lets you monitor, configure, update firmware and diagnose network health, and even fix remote devices without having to travel to distant locations.

Digi Remote Manager is designed to integrate seamlessly with third-party applications, Clouds and SCADA systems. There is no need for additional software. Simply use the open APIs of the Digi Remote Manager platform to integrate sensor and machine data into your existing control system.



Fix remote devices without having to travel to distant locations.



Connect with Confidence



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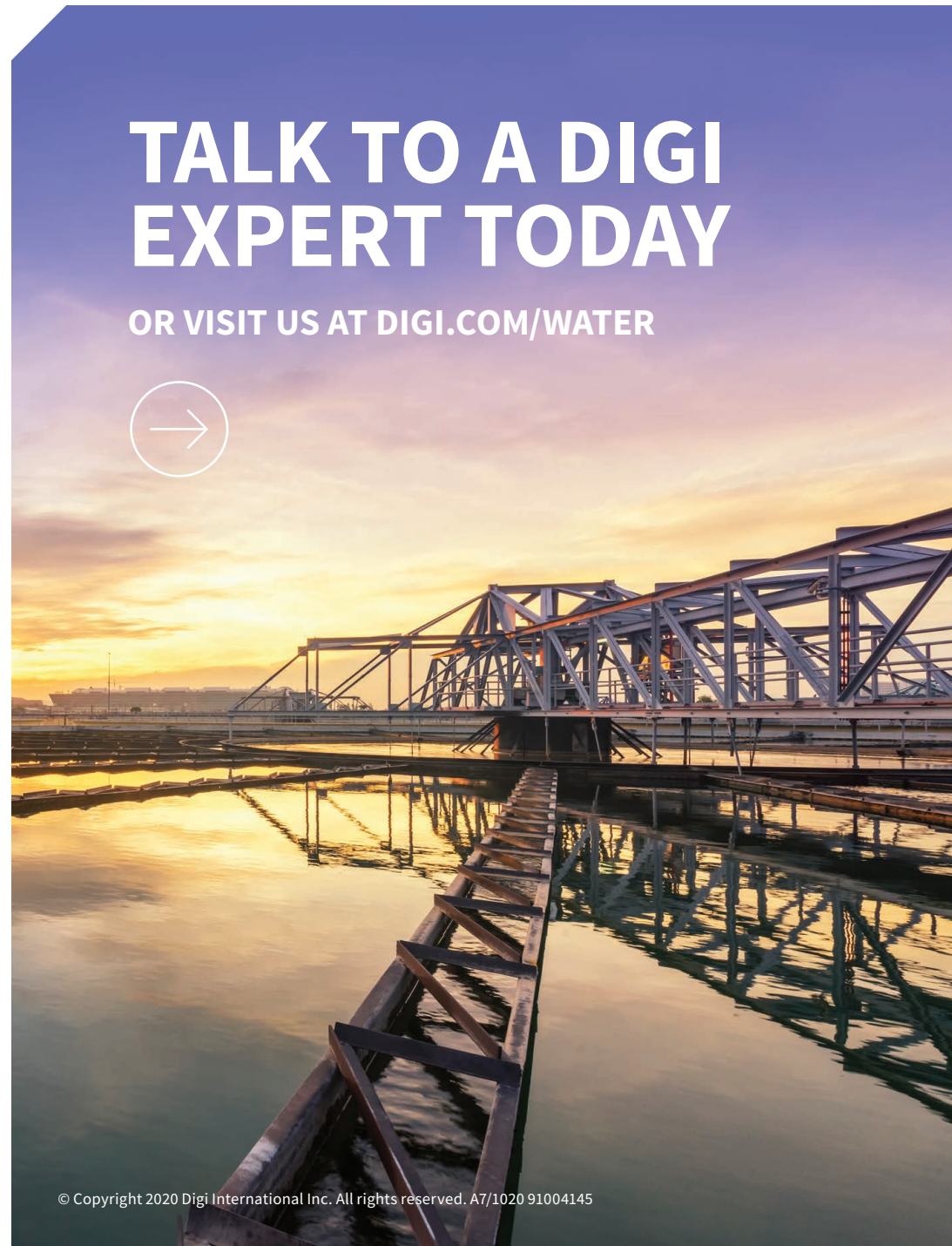
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