

Encrypted and Secured IIoT Platform



Zedi SaaS SCADA

Securely and effortlessly integrate data from any source to enable better business decisions while increasing safety, profits and sustainability.



Securely realize your potential through cloud analytics, machine learning and mobility.

Emerson offers a wide variety of secure communication options with regional cellular and global satellite providers.

Emerson's Zedi SaaS SCADA provided connections are fully encrypted and secure from the communication device back to the Zedi platform infrastructure through dedicated APNs (Access Point Names) and VPNs (Virtual Private Networks) with our telecom partners.

Full data backups occur nightly, and storage amounts are not limited, nor quota driven with zero limitations on content or data fields with 'always-on' continuous security monitoring platform performance.



Software as a Service

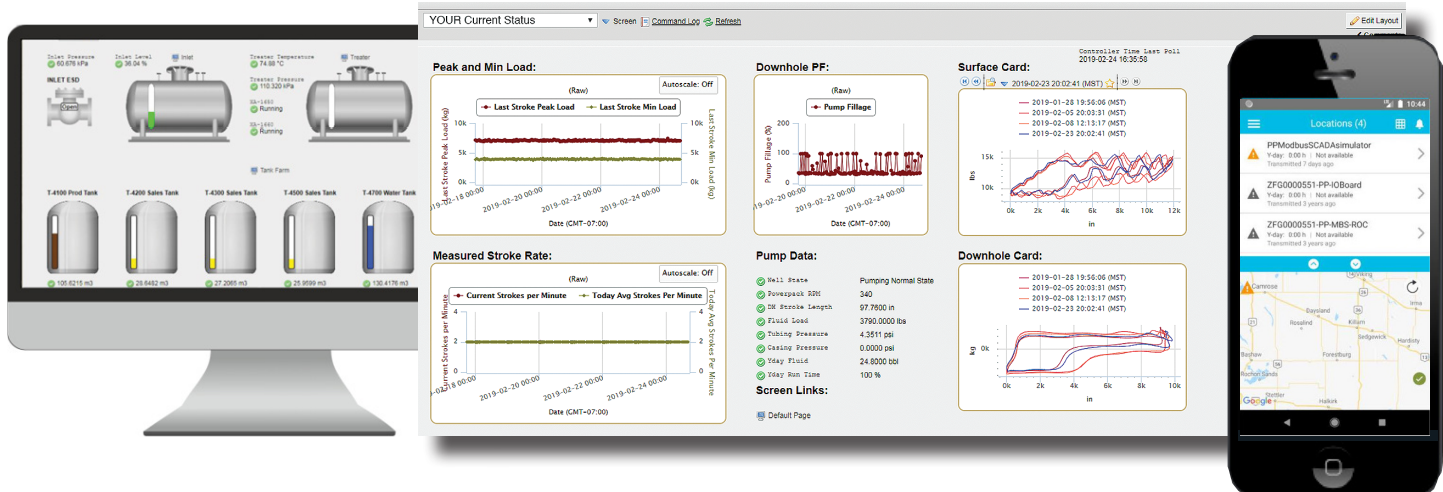


Fuel the power to unlock the most value from your data with our SaaS suite.

Easily access current, user-friendly data for real-time, accurate decision-making operational gains. Our software suite was built for industrial challenges and are delivered as a service to ensure your people always have the most current versions and enhancements, secure storage and full support.

Acquire, manage, and analyze your operational data while ensuring compliance

- Unlimited users, no seat or site licenses required
- 24/7/365 support
- Application upgrades
- Full user training
- Access anytime, anywhere
- Data center
- Business continuity
- Infrastructure management



System Reliability



Proven availability of at least 99.9%* ensuring your data is accessible and secure with a stance that zero data loss is acceptable.


Emerson takes reliability very seriously. Zedi SaaS SCADA operates on intrinsically highly available hardware, redundant hosts, storage, and networking underlying a high availability virtualized infrastructure. All of this is maintained within an independent, Uptime Institute certified Tier III data center.

We take a zero-tolerance approach with respect to data loss. All data in the platform is maintained live in at least three separate systems; the primary secure data store, a secondary standby secure data store, and then is completed with a third secure offsite data store. In addition, full data journals are moved to a separate environment in real time.

Emerson follows a 3-2-1 backup strategy to keep your data safe.

This means at least three copies of data, in two different storage types, and one additional backup to a separate offsite location. Data is streamed to disaster recovery site in near real time and is designed for complete cut-over in a disaster recovery situation.

Both planned, and unplanned outage notifications are available on the notification section of the application login page. Planned notifications are provided several days before the designated window, while unplanned outage notices would be provided as soon as the unplanned event was detected.



**You are the owner of your data,
and your data is always available
to you for extraction.**

*Denotes observed historical availability of ZediAccess.com excluding any planned outages or maintenance, and does not guarantee future performance.



Learn more online at: www.Emerson.com/Zedi

All access
is logged,
recorded,
and available
for review within
the platform.



You Have the Power



Work by Your Own Rules

Emerson will work with you and your local telecom providers to ensure a secure and encrypted connection is created between your in field device and our cloud platform. Dedicated networking infrastructure ensures your devices are never exposed to the public internet, or any enterprise network, complete with 2-factor authentication for each of your authorized users.

This doesn't mean your devices are siloed or out of your reach. Using Emerson's Customer Network Access offering, we can provide a dedicated tunnel safely, and securely right from your desktop directly to your device, enjoying all of our standard authorization, encryption, and auditing capabilities.

The Control is Yours

You control the rules around user authentication; from password strengths to account expirations. User authorization to every device is natively controllable from within the platform. In addition, authorizations to dozens of different platform capabilities are also controllable on a per user, group, or role basis. These extremely granular authorization mechanisms are all logged by the auditing system each and every time they are modified.



Information Security, Backup and Disaster Recovery

In an ever changing landscape of risks and compliance demands on industries we service around the world, Emerson leverages industry best practices to ensure your data is kept secure and available in a seamless fashion so that you and your personnel are free to concentrate on the core business.

- **Industry leading data center**
- **Encrypted communications**
- **Real-time customer data backups**
- **Active monitoring of health of all services**
- **Geographically disperse fail-over processing**



Keep Go-ing... with Zedi Go



Enter, Monitor and Manage Your Operations from Anywhere, Anytime with our Mobile App

In the field or simply away from a computer, easily access and input valuable operational data, create custom forms, instantly update systems, and directly control your devices through our mobile app, Zedi Go.



System Maintenance and Expert Support



Emerson maintains a monthly update window for infrastructural updates and patching.

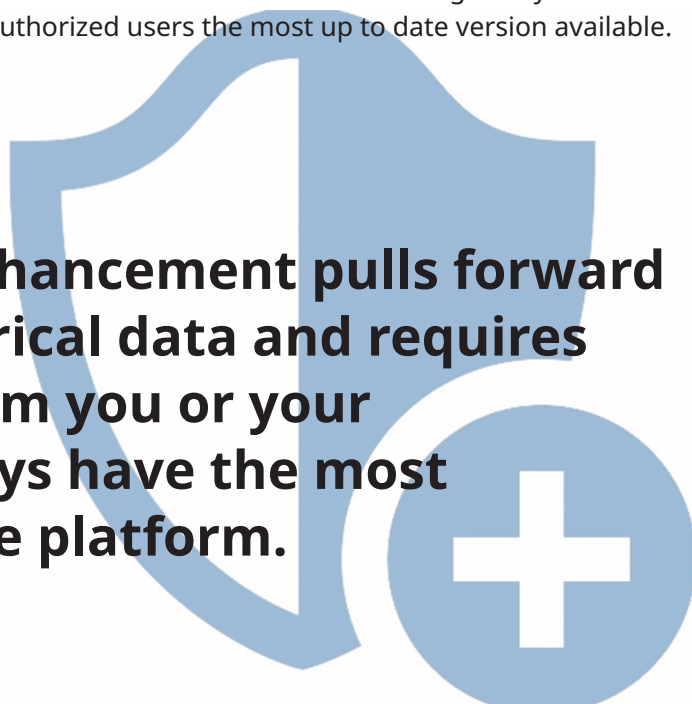
Major system components are upgraded or expanded as required, with an intention to ensure all system components are properly maintained, under warranty and deliver accurate and active support.

There are also 6-8 software updates or releases per year with the platform.

Two short windows (30-90 minutes) are planned after business hours (Mountain Time) each month. Service interruptions may occur in either of these windows, though service interruptions are kept to a minimum period of time required within the window.

Zedi software is continuously enhanced from month to month without interfering with your operations, and it automatically gives your authorized users the most up to date version available.

Every release and enhancement pulls forward all current and historical data and requires zero involvement from you or your organization to always have the most up to date and secure platform.



The Emerson software development life cycle includes rigid testing, precisely controlled and secured measures during every stage of development, as well as formalized regression, deployment, and rollback trials in a dedicated and secure development environment.

We offer change management personnel to identify any potential customer impact. Final development approval requires multi disciplinary levels of sign off from change management, customer support, technology groups, and executive Emerson sponsorship.



Event-free, Worry-free Most Current Verion of Software & Platform Updates Wihout Hassles

You have multiple ways to extract all of your data from the Zedi platform. You are the owner of your data, and your data is always available to you for extraction or download in multiple formats, and is available during your time of service, and upon termination.

Security is Everything



We understand the importance of data security for the sustainability of your business, and we don't take the trust you instill in us lightly. All of your platform operational data is stored within a RDBMS (Relational Database Management System) without an internet facing surface.

Web application communication is secured by TLS (Transport Layer Security). Emerson's Zedi SaaS SCADA platform benefits from increased agility and improved awareness of network security threats by utilizing universal threat management layers. Device communications occur securely over Virtual Private Networks (VPNs) with our select communications partners, typically via Internet Protocol Security (IPSec).

Platform customer segregation is enforced within the data access layer of the software product. The software is designed multi tenant from the ground up, and respects concepts such as individual tenants, tenant ownership of assets, data and users.

The Application Programming Interface (API) is web based, therefore is protected by our standard channel security system in place.

Device communications occur securely over Virtual Private Networks (VPNs) with our select communications partners, typically via Internet Protocol Security (IPSec)

Consistent Security Testing

Pentesting is cyberattack simulation that helps discover points of exploitation and test information technology security. Independent pentesting and control reviews are performed on a weekly basis. Emerson information technology personnel consistently perform internal pentesting at an ongoing, scheduled basis.

Authorized Only Access

2-Factor authentication is now available. Role based access is possible with your authorized approvals. Groups of authorized user set points can easily be created to represent given roles, and granted to select users. These groups are created, approved and maintained by you, the customer. Levels of authorizations are granular, and split into two types - Functional Authorizations (things like features, tools and interfaces you can use in the platform) and Asset Authorizations (what you can see and change on specific assets).

Emergency Breach Event Communications

Customers would be contacted directly by Emerson in the event of any applicable security breach.

Data Audit and Integrity



Row level auditing is in place for all configuration and security changes, including before and after states, time of change, and actor identity. Payload data itself is not audited, but data that is designed to change (such as fluid composition) is instead tracked with temporal data storage, modification events, etc.

Access is securely logged, and is quickly reportable from within the platform only to authorized users.

Vendor interaction is performed under a specially privileged user account belonging to the customer's tenant. This is logged like all other users. In addition, the email address of the specific human operating the vendor account is also tracked (and visible) in the usage logs.

Platform Technology Powered by People



Our people are exceptionally committed to your success, driven by our customer first culture and foundational belief in supporting our customers and each other to deliver the most effective solutions that generate more safety, profits and sustainability.

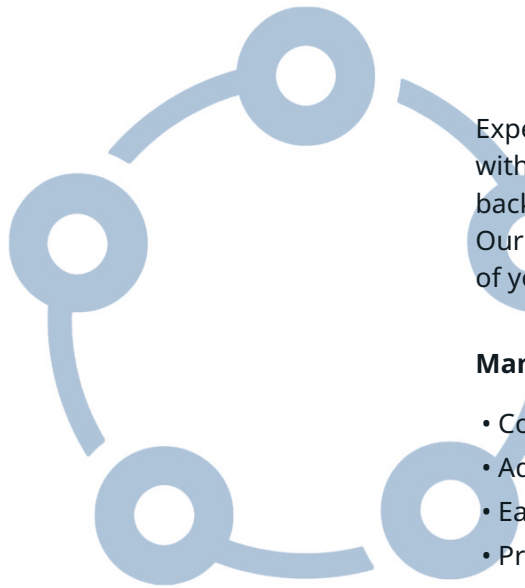
Technology Backed by Service Experts



Technology built for industrial operations all backed by expert services from every angle.

Your ability to operate safely and successfully in any pricing environment and your overall satisfaction isn't taken lightly by our team that is designed to effectively manage your service requirements, projects and even alarms with 24/7/365 support and full in-depth training.

Stronger outcomes for your operations by integrating a flexible, secure, end-to-end Software as a Service platform



Expedite your digital transformation journey to an autonomous operation with Emerson's Zedi SaaS SCADA. Our proven hardware and software, backed by our team answers every need for stronger, long term returns. Our scalable solutions fit your project size and growth while increasing the reliability of your assets with improved focus on health, safety and environment.

Manage and optimize remotely to drive better outcomes in your operation

- Complete, clear data
- Advanced analytics
- Easy-set smart alarms
- Predictive intelligence
- Self correcting optimization
- Continuously modulated control
- Exception based safety systems
- Always up to date software
- Security experts
- 24/7/365 Support

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Go Boldly™

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