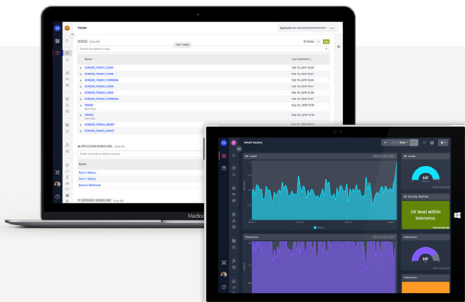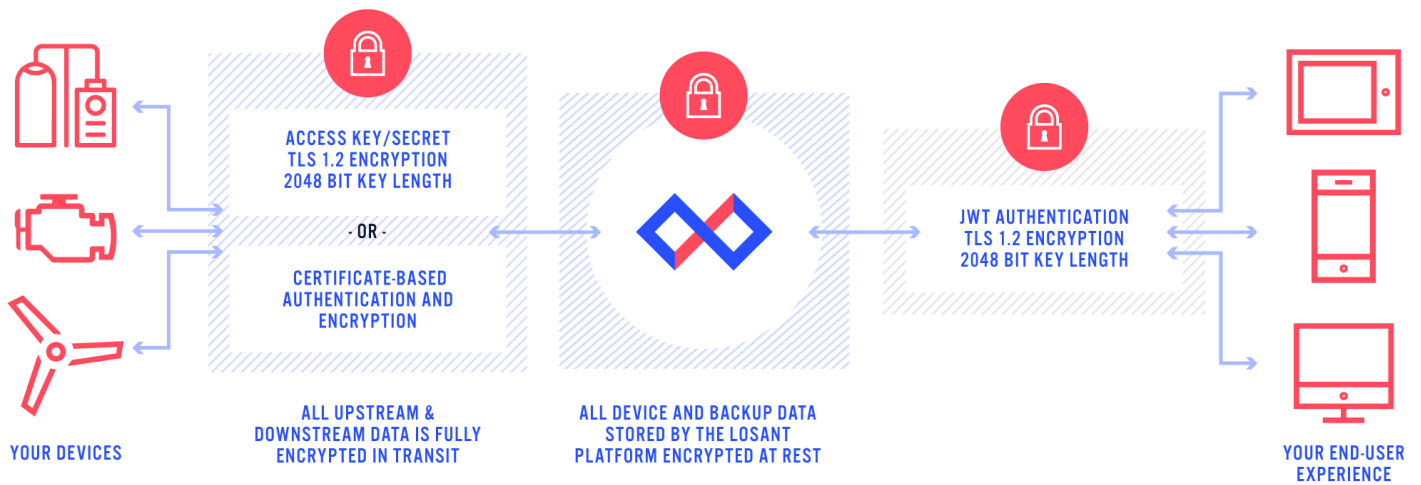# LOSANT

SECURING YOUR INTERNET OF THINGS

Ensure your information is safe at all times with Losant's security-first approach encompassing product, infrastructure, and architecture.

END-TO-END DATA ENCRYPTION

Confidently build and scale solutions for your enterprise using Losant. Data encryption practices combined with a set of other security controls promote peace of mind for your organization and your clients.

YOUR DEVICES

ACCESS KEY/SECRET TLS 1.2 ENCRYPTION 2048 BIT KEY LENGTH

· OR ·

CERTIFICATE-BASED AUTHENTICATION AND ENCRYPTION

ALL UPSTREAM & DOWNSTREAM DATA IS FULLY ENCRYPTED IN TRANSIT

ALL DEVICE AND BACKUP DATA STORED BY THE LOSANT PLATFORM ENCRYPTED AT REST

JWT AUTHENTICATION TLS 1.2 ENCRYPTION 2048 BIT KEY LENGTH

YOUR END-USER EXPERIENCE

LOSANT ENTERPRISE IoT PLATFORM TEAM: WHAT WE BELIEVE

Losant is a progressive product team composed of software engineers, solutions engineers, and automation specialists. Together, we produce superior technology for enterprise IoT solutions. We believe in continuous improvement and work toward our vision of an ever-connected world. As we adapt to our changing environment and add features to our IoT cloud platform, we consider usability, flexibility, reliability, and security to promote ease of use for our customers.

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HOW DOES LOSANT SECURE YOUR INTERNET OF THINGS?

GRANULAR ACCESS CONTROL WITH FULL AUDIT LOGGING

Losant's multi-level permissions system provides fine-grained control over your users and their access rights. With built-in audit logging, Losant makes it easy to investigate user behavior and activity.

INDEPENDENT THIRD-PARTY SECURITY AUDITS

In addition to Losant's internal security testing, each year Losant undergoes comprehensive white-box and black-box testing with an independent third-party security firm.
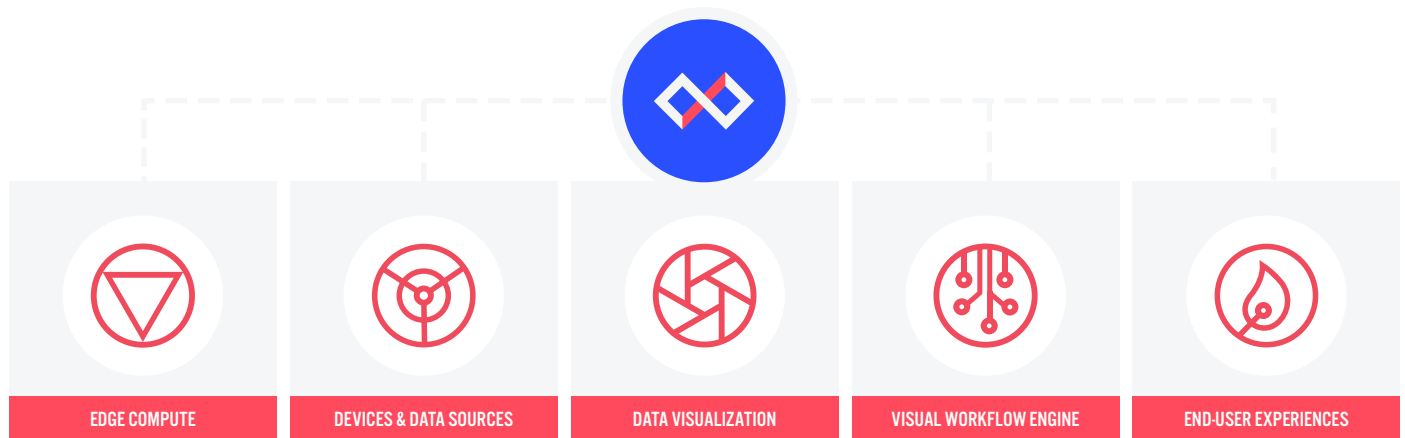
INDUSTRY-STANDARD BEST PRACTICES

- Two-factor authentication
- Minimum password complexity requirements
- Automatic account lockout on failed log-in attempts
- JWT specification for authentication tokens
- Per-device and revocable authentication keys

- TLS 1.2 with 2048 bit key length encryption in transit
- AES 256 encryption at rest
- Hosted on GCP for ISO and SOC compliant infrastructure
- On-premises and dedicated cloud deployment options
- 24-48 hour response time for critical security patches

LOSANT PROVIDES THE TOOLS YOU NEED TO SUCCEED

The Losant Enterprise IoT Platform is an application enablement platform which allows enterprises to effectively build applications that securely scale to millions of devices. With real-time stream processing and batch processing capabilities, users can create dynamic experiences and perform complex analytics. All of Losant's components, from Edge Compute to End-User Experiences, work seamlessly together to transform data into tailored IoT solutions.

| EDGE COMPUTE | DEVICES & DATA SOURCES | DATA VISUALIZATION | VISUAL WORKFLOW ENGINE | END-USER EXPERIENCES |

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