# AVEVA

# The four pillars of a trusted information infrastructure

An information architecture allows you to successfully progress on your digitalization journey while safeguarding the quality and security of your organization's data.

For frictionless management and resilient governance, a strong information infrastructure builds on four pillars:
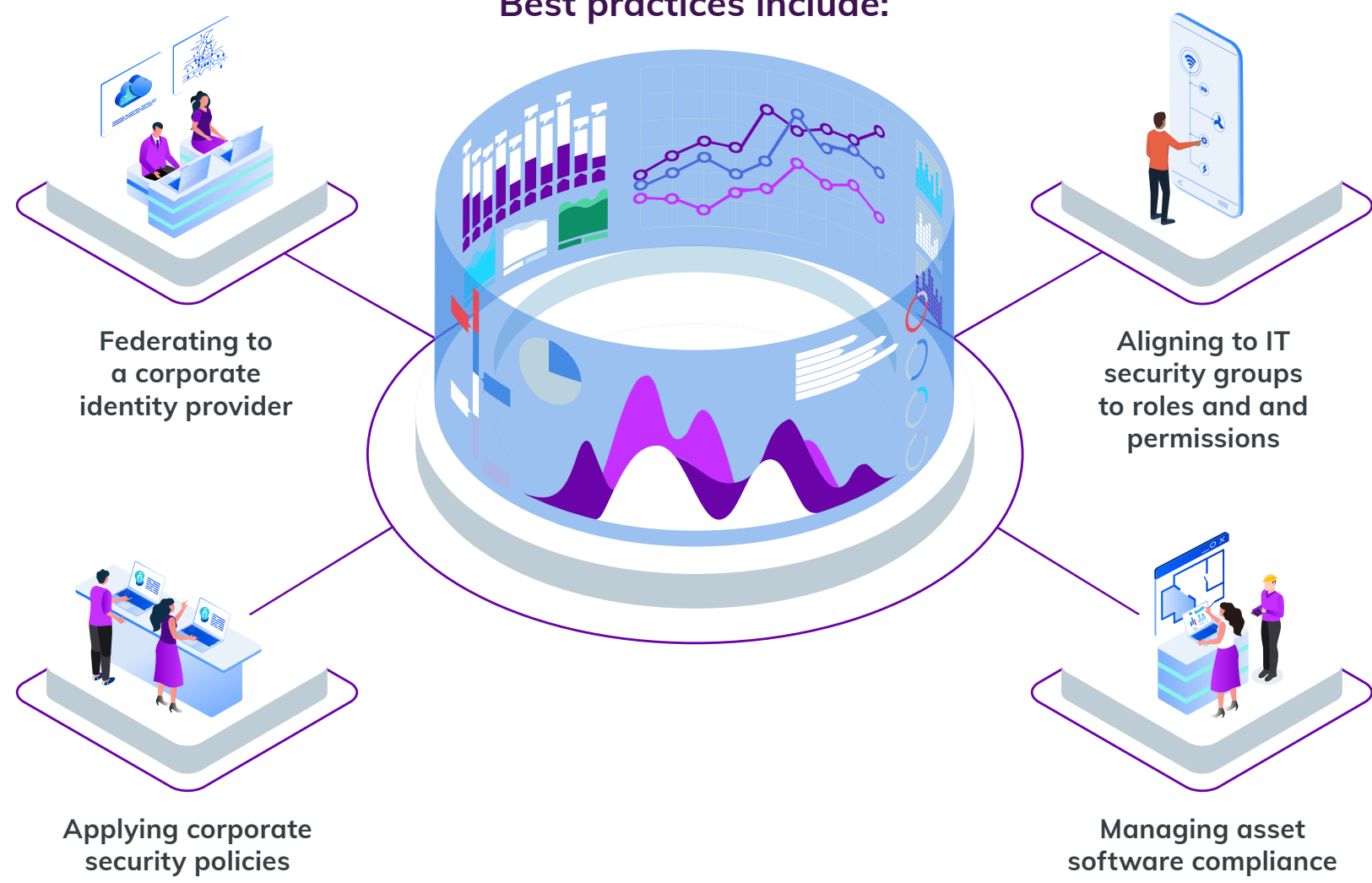
## 1 Governance—aligning information to IT security policy

As the world becomes ever more connected, security concerns that were once the focus on individual corporations are now viewed through the lens of national security.

Governance focuses on how a data platform is governed from an IT security perspective.

### Best practices include:

**Federating to a corporate identity provider**

**Aligning to IT security groups to roles and and permissions**

**Applying corporate security policies**
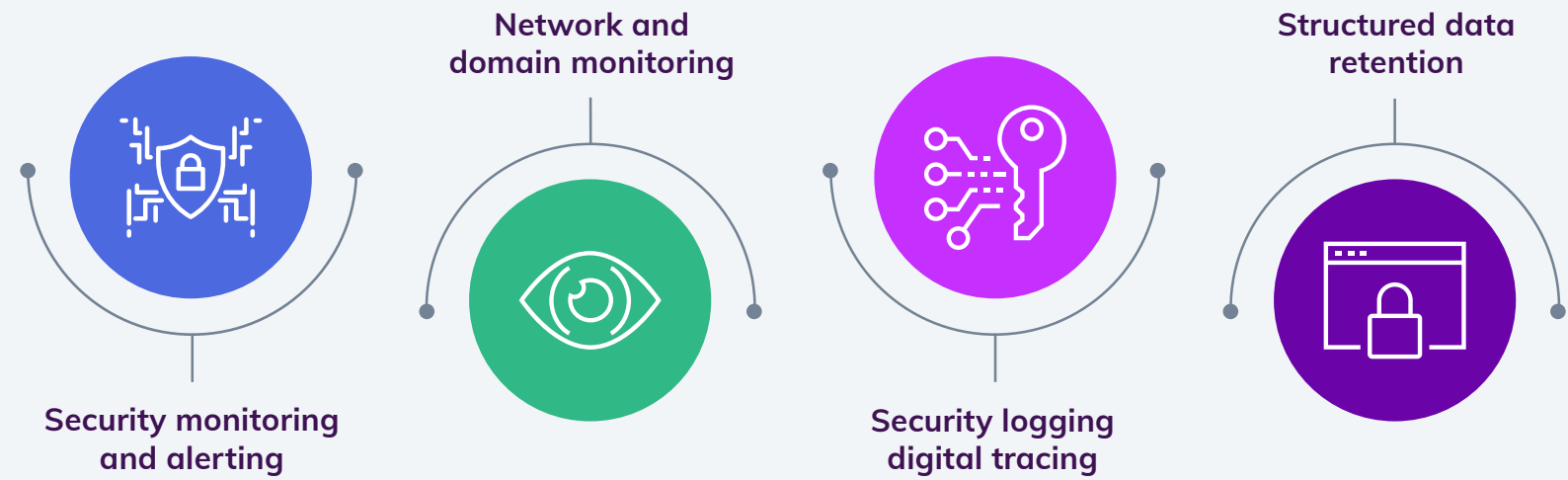
**Managing asset software compliance**

## 2 Trust—implementing secure cyber practices

According to most experts, industrial systems are not protected well enough.

Cybersecurity requires a proactive stance involving the entire organization. Balance needs to be achieved between mitigating risks and enabling new business initiatives.

### Safety measures should include:

**Network and domain monitoring**

**Structured data retention**

**Security monitoring and alerting**

**Security logging digital tracing**

## 3 Management—empowering organizations, securely

A single log-in account, where access to applications can be managed, lowers the effort of managing multiple solutions.

### A successfully managed information infrastructure should:

**Lower effort**
Making self-service as frictionless as possible

**Lower cost**
A pay-as-you-consume subscription model removes the barrier to investment

**Enable global**
A hybrid-SaaS model spanning on-premises and cloud makes it easy to scale application use

**Enable one-user management**
A single-sign-on platform optimizes user experience, streamlines data sharing between applications and teams, and enhances security

## 4 Hybrid industrial architecture—synchronizing on-premises and cloud applications

The vast majority of organizations will have a hybrid approach combining on-premises solutions with cloud-enabled, SaaS technologies. Industrial architecture must be flexible enough to enable these systems to work both independently and together.

### A hybrid-SaaS architecture should include:

**Consistent data quality across both on-premises and cloud applications**

**Secure plant data connectivity**

**Resilient autonomous services**

**Managed plant floor/ industrial capture with an open, vendor-agnostic methodology**

Read more about building your information infrastructure in our latest white paper, **"The four pillars of information infrastructure."**

AVEVA's industrial hybrid-SaaS solutions deliver out-of-the-box, programming simplicity, so you achieve your goals quickly.

Lean more about unlocking our complete portfolio with our flexible subscription program.

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