



JWF 2-Factor Authentication

Identity-based access security for your production line

The challenge

In interconnected production lines, different roles access different test programmes, process parameters and quality characteristics. Making changes is technically possible – and implementation is often quick.

At the same time, regulations are tightening around traceability, accountability and anti-tampering measures.

Changes that affect security require clearly defined rights and unambiguous responsibilities.



Verified identity. Controlled authorisation.

The JWF 2-factor authentication adds an extra identity check to your existing login procedure. A second authentication factor, in addition to username and password, is required for security-critical changes – ensuring audit-ready documentation.

How it works

- Connects to an existing IT domain
- Central authorisation management in SOLVISO
- 2-factor authentication for defined, security-critical changes.
- Activation of complete audit trail

At JW Froehlich, we combine our test stand expertise with robust safety mechanisms for modern production environments. 2-factor authentication protects security-critical parameters and processes against unauthorised changes.

JWF 2-factor authentication



Typical production line risk scenarios

- Unauthorised changes to test programmes can cause quality deviations and compromise process stability.
- A lack of authentication prevents clear accountability.
- Inadequate documentation complicates verification management for auditors or regulatory bodies.
- External access to connected systems demands stricter identity verification and access control.

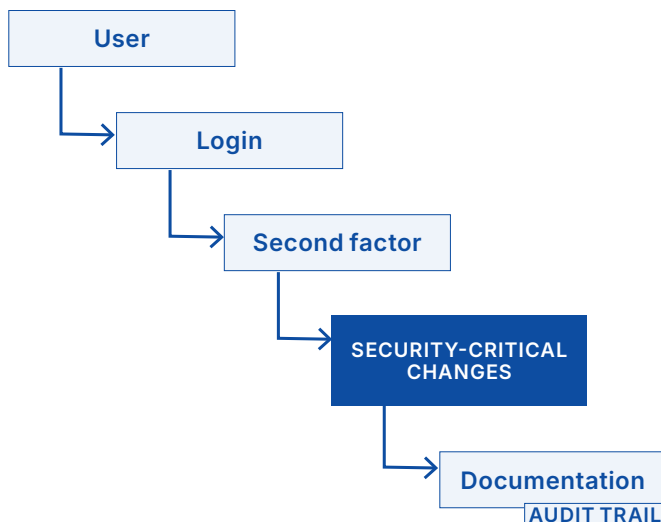
JWF 2-factor authentication reduces these risks by introducing additional identity verification and a clear allocation of roles and rights.



How it's implemented

The 2-factor authentication integrates seamlessly into your existing production and IT structure. Simply login via the JWF login service and connect to your own domain.

Changes to security-critical changes to test programmes and parameters now require 2-factor authentication.



Authentication process



Your benefits

- Stronger protection for critical test programmes and parameters
- Clear accountability when changes are made
- Supports regulatory compliance
- Seamless integration into existing infrastructure

Regulatory framework

JWF 2-factor authentication meets the requirements of the EU Machinery Regulation 2023/1230 and the EU Cyber Resilience Act through:

- Server-side administrative responsibilities
- Effective identity verification for authenticated change processes
- Reliable verification management

Do you want to protect your production line against cyber attacks and ensure compliance with future regulations?

Contact our team of experts to learn how:

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