



# Procex Insight

## *Maintenance Execution Intelligence for SAP EAM*

---

### **A Member of the Procex.AI solution family**

#### **Executive Summary**

Asset-intensive organizations are under growing pressure to improve maintenance performance while navigating aging infrastructure, workforce attrition, operational instability, and increasingly complex SAP transformation programs. Although SAP and process intelligence technologies such as Signavio provide significant visibility into maintenance execution, many organizations still struggle to determine where operational improvements should be prioritized, and which AI-assisted capabilities will create measurable business value.

Procex Insight addresses this gap by serving as the maintenance execution intelligence layer for SAP Enterprise Asset Management. Rather than functioning as another dashboard or a competing copilot, Procex Insight continuously assesses operational performance, execution readiness, and organizational friction to identify where intervention will produce the greatest operational impact.

Built using SAP-aligned clean-core principles, Procex Insight combines SAP EAM operational signals, process intelligence, execution behavior, and real-world maintenance barriers to recommend maintenance process improvements, SAP Business AI and Joule Agent opportunities where applicable, Procex.AI applications, and coordinated SAP-aligned workflows that improve maintenance execution while keeping people in control.

#### **What the Application Does**

Procex Insight continuously analyzes maintenance operations across planning, scheduling, backlog management, material readiness, work execution, and operational performance stability.

The application evaluates operational KPIs, process deviations, emergency work exposure, maintenance barrier trends, execution delays, workforce productivity, and organizational readiness. Rather than simply identifying inefficiencies, Insight determines where leadership attention should be focused now and quantifies the expected value of targeted improvement actions.

Recommendations are prioritized based on operational risk, organizational readiness, projected KPI impact, and implementation sequencing.

#### **Operational Workflow**

Procex Insight begins by consuming operational signals from SAP EAM, process intelligence platforms such as Signavio, and operational sensing applications including Maintenance Barrier Tracking.

The application correlates process performance, execution behavior, maintenance barriers, backlog conditions, material readiness, and schedule instability to identify operational friction and transformation opportunities.

**Recommendations clearly explain:**

<ul style="list-style-type: none"> <li>• What operational condition has been detected</li> <li>• Why the issue is occurring</li> <li>• Which maintenance process improvements are recommended</li> <li>• Which SAP Business AI or Joule Agent opportunities may create value</li> </ul>	<ul style="list-style-type: none"> <li>• Which Procex.AI applications or workflow capabilities should support the recommendation</li> <li>• Expected KPI and business impact</li> <li>• Recommended implementation sequencing</li> <li>• What should remain under human review and operational control</li> </ul>
---	---

Insight does not execute work or alter SAP data. It recommends. Maintenance leadership retains full operational control while gaining continuous visibility into where intervention will create the greatest measurable value.

**Position Within the Procex.AI Platform**

Procex Insight serves as the maintenance execution intelligence layer connecting process understanding to operational improvement. Signavio provides process transparency. SAP EAM remains the system of record. Procex Insight identifies where action should be taken, and Procex.AI applications help operationalize those actions through focused, SAP-aligned workflows.

Process Transparency	Execution System of Record	Maintenance Execution Intelligence
SAP Signavio and related process intelligence tools show how work flows and where process variation occurs.	SAP EAM manages notifications, orders, confirmations, assets, materials, and maintenance execution records.	Procex Insight recommends where to improve, which actions to sequence, and which SAP or Procex capabilities may create value.

**Incremental Adoption Strategy**

Procex Insight is intentionally designed for incremental transformation rather than large-scale disruptive deployment. Organizations can begin with a focused Procex.AI application such as Maintenance Barrier Tracking, Backlog Triage and ROI Scheduling, or Emergency Work Containment to address a defined operational challenge and establish measurable business value quickly.

This approach allows organizations to prove operational impact, build organizational trust in AI-assisted recommendations, and progressively expand adoption based on demonstrated results and operational readiness.



As confidence and operational maturity increase, Procex Insight guides organizations toward broader coordination of maintenance process improvements, SAP Business AI and Joule Agent opportunities where applicable, Procex.AI applications, and SAP-aligned workflows.

### **Expected Business Impact**

Organizations using Procex Insight can expect improved schedule attainment, increased planned work, reduced emergency maintenance, improved backlog stability, earlier identification of execution risk, improved readiness visibility, and stronger operational alignment between planning and execution teams.

By continuously benchmarking operational conditions and comparing projected versus realized performance improvement, Procex Insight helps organizations move beyond understanding operational inefficiencies to systematically resolving them through measurable, incremental transformation.

### **Enterprise & Clean-Core Alignment**

Procex Insight is designed for SAP-centric enterprises and extends SAP using BTP-aligned clean-core principles without modifying core SAP functionality. The application complements SAP Business AI, Joule, and Signavio without duplicating their capabilities. AI is applied as explainable advisory intelligence designed to improve operational decisions, not replace them.

The result is a modular, human-governed maintenance execution intelligence framework that helps organizations continuously improve maintenance performance through measurable operational decision support.

**Surface operational signals. Guide better maintenance decisions.**