

# Procex Technology Maintenance Barrier Tracking

Talk Track



## Business Challenge

- Maintenance work stalls due to hidden barriers—missing permits, materials, access, or unclear scope—that are not visible in SAP planning data.
- Barriers are handled reactively in the field and rarely captured in a structured way, leaving no system-level visibility into why work fails.
- The same issues repeat across assets and jobs, driving low wrench time, poor schedule adherence, and planner frustration.
- Organizations experience execution inefficiency as a symptom but lack insight into the root causes behind repeated delays.



## Procex Solution

- Captures maintenance barriers directly from the field during SAP work order close-out using simple, low-effort inputs.
- Uses AI to identify recurring barrier patterns by asset, work type, location, and planner group based on historical execution data.
- Converts unstructured field experience into structured insights, highlighting the highest-impact drivers of delay and rework.
- Recommends targeted improvements to job plans, material readiness, permits, and master data to improve execution reliability.



## Integration with Procex.AI

- You can start with a single application and see immediate ROI by improving visibility into execution barriers and reducing avoidable delays in planned work.
- When installed with other Procex AI Agents, the Procex Insight orchestration engine considers all AI inputs and creates a consolidated AI-driven recommendation.
- Enhances Backlog Triage by identifying which jobs are truly executable versus those likely to encounter hidden barriers.
- Creates a continuous feedback loop where field execution data drives planning, governance, and continuous improvement across the Procex.AI ecosystem.



**Market  
Opportunity**

### Target Audience / Buyer

- Industries: O&G, Energy, Mining
- Size: Tier1 & Mid-tier
- Buyers: VP Maintenance, CIO, COO
- Landscape: ECC, S4/HANA, net new

### Solution Prerequisites

- SAP EAM
- SAP BTP



# Procex Technology Maintenance Barrier Tracking

Capture and eliminate maintenance execution barriers while work is performed, improving schedule adherence, increasing wrench time, and reducing avoidable delays.

Cloud-based Procex Maintenance Barrier Tracking is a field-enabled execution intelligence application that captures real-world maintenance barriers directly within the SAP work order process with minimal user effort. Embedded into standard SAP EAM workflows, the solution allows technicians and supervisors to quickly record barriers during work execution and close-out without disrupting productivity.

From planning through execution and confirmation, Procex transforms unstructured field observations into structured, actionable intelligence.

Barrier data is automatically classified, analyzed, and correlated across assets, work types, and locations to identify recurring patterns that impact maintenance performance. This enables organizations to move beyond reactive problem solving and systematically eliminate the root causes of delays.

Procex Maintenance Barrier Tracking integrates seamlessly with SAP EAM and is built on the SAP BTP platform, ensuring clean-core alignment and secure, scalable data processing. Insights generated from barrier analysis can be used to improve job plans, material readiness, permit processes, and master data quality, directly improving execution outcomes.

When deployed alongside other Procex AI applications, barrier intelligence becomes a critical input into the Procex Insight orchestration layer, enabling consolidated AI-driven recommendations across planning, scheduling, and execution processes.

Procex Technology is an SAP-focused partner delivering AI-powered maintenance solutions for asset-intensive industries. Engage Procex to accelerate SAP BTP AI adoption, drive measurable EAM outcomes, and support your customers in realizing clean-core value within their maintenance operations.



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