

Duplicate Notification Consolidation & Work Bundling

Eliminate Duplicate Work. Bundle Related Jobs

A Member of the Procex.AI solution family

Executive Summary

Maintenance organizations rarely struggle because their people lack effort. They struggle because fragmented decisions quietly erode productivity. Duplicate notifications, redundant work orders, and uncoordinated field execution create rework, reduce wrench time, destabilize schedules, and increase cost per order.

Procex Duplicate Notification Consolidation & Work Bundling is a focused Procex.AI application designed to eliminate duplicate work and intelligently bundle co-located tasks before execution. Operating entirely within SAP EAM, the application improves decision quality without disrupting existing workflows or compromising clean-core architecture.

What the Application Does

The application continuously evaluates maintenance notifications, orders, technical objects, recent execution history, and scheduling context within SAP. It identifies likely duplicate notifications before they become redundant work orders and compares new corrective scope against recently completed work and posted costs to detect unnecessary repetition.

It also analyzes work by area, elevation, craft overlap, scaffold timing, and access requirements to recommend intelligent bundling. The result is simple: work is executed once, in the right combination, at the right time.

Operational Workflow

As notifications enter SAP, semantic similarity, asset context, and failure patterns are evaluated. High-probability duplicates are surfaced to planners prior to scheduling. If similar work was recently completed on the same technical object, the system flags potential redundancy.

During schedule development, the application clusters work by proximity and craft alignment, identifying bundling opportunities that reduce repeated mobilization and access cost. Planners retain full control; Procex recommends while SAP remains the system of record.

Position Within the Procex.AI Platform

Duplicate Notification Consolidation & Work Bundling is one of several focused applications within the Procex.AI solution family. Each application addresses a specific maintenance decision problem inside SAP EAM and can be deployed independently to deliver measurable value.

Behind every Procex.AI application operates Procex Insight — the decision intelligence layer. Insight continuously evaluates execution behavior, KPI context, and operational risk signals to



identify improvement opportunities and quantify projected impact. This application operationalizes that intelligence. Insight identifies. The application executes. SAP records the result.

Greater Value Through Orchestration

While the application delivers strong stand-alone value, greater enterprise impact emerges when used in concert with other Procex.AI applications through the orchestration layer. Reducing duplicate work improves backlog prioritization accuracy. Intelligent bundling enhances readiness optimization. Improved PM effectiveness reduces downstream duplication risk.

The orchestration layer coordinates these applications so improvements reinforce one another. Organizations typically start with a single application, prove measurable value, and expand logically based on Insight-driven prioritization.

Expected Business Impact

Organizations typically observe reductions in duplicate work and rework, increased wrench time, improved schedule compliance, lower cost per order, and improved planner productivity. More importantly, maintenance execution becomes more intentional and aligned.

Enterprise & Clean-Core Alignment

The application is deployed using SAP BTP-native extension principles and does not modify SAP core logic. It augments decision quality while preserving enterprise system stability, governance, and architectural integrity.

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