PINTER TECH SOLUTIONS

# Background Job Monitoring

Failed jobs, runtime exceptions and support triage

PROTOTYPE 01 / DESIGN DEMONSTRATION / FICTIONAL DATA

## BUSINESS PURPOSE

Help SAP Basis support teams review failed and long-running background jobs in one focused summary, then investigate relevant exceptions in the standard SAP tools.

## PROPOSED SELECTION SCREEN

Reporting period: 01 Oct 2026 | Job name: Z_DEMO_* | User: All
Status: All | Runtime attention threshold: 30 minutes

## ILLUSTRATIVE REPORT OUTPUT

| Job name | Status | Runtime | Review indicator |
|---|---|---|---|
| Z_DEMO_DAILY_LOAD | Finished | 12 min | Within threshold |
| Z_DEMO_INTERFACE | Cancelled | 4 min | Review cancellation |
| Z_DEMO_HOUSEKEEP | Active | 48 min | Above runtime threshold |
| Z_DEMO_ARCHIVE | Finished | 65 min | Review duration |

## REPORT LOGIC

Flag cancelled jobs for investigation. Compare active elapsed time and completed duration with the selected threshold. A long runtime is an attention signal, not proof of a fault.

## CONTRIBUTION AND IMPLEMENTATION SCOPE

Basis contribution: define relevant job states, runtime rules, triage steps and validation scenarios. Planned development: an ALV-style summary with filters and exception indicators.

## VALIDATION PLAN

Proposed tests: date boundaries; cancelled-job inclusion; runtime exactly at the threshold; active versus completed jobs; empty results; authorised visibility.

**Project status:** Design prototype. Output is a mock-up, not a SAP screenshot. ABAP implementation, SAP integration and system testing are pending.

PINTER TECH SOLUTIONS

# Technical Health Summary

A consolidated view of selected SAP operational checks

PROTOTYPE 02 / DESIGN DEMONSTRATION / FICTIONAL DATA

## BUSINESS PURPOSE

Give SAP Basis teams a concise daily overview of selected operational signals and their follow-up owners. Start with a limited set of checks and expand only after validating the data sources.

## PROPOSED SELECTION SCREEN

System: DEMO | Client: 100 | Period: Last 24 hours
Checks: Jobs, ABAP dumps, system log | View: All findings

## ILLUSTRATIVE REPORT OUTPUT

| Check | Sample finding | Priority | Next step |
|---|---|---|---|
| Background jobs | 2 cancelled jobs | Review | Inspect job logs |
| ABAP dumps | 3 dumps recorded | Review | Inspect dump details |
| System log | Repeated error entries | Review | Correlate timestamps |
| Collection status | All selected checks read | Info | Record collection time |

## REPORT LOGIC

Keep findings separate from collection failures. Mark unavailable data as "Not collected", rather than healthy. Priorities are configurable and require operational context; counts alone do not establish severity.

## CONTRIBUTION AND IMPLEMENTATION SCOPE

Basis contribution: select checks, define meaningful findings, assign review actions and structure a handover summary. Planned development: a report with per-check status and collection timestamps.

## VALIDATION PLAN

Proposed tests: empty findings; unavailable data source; authorisation restrictions; correct time window; duplicate records; comparison with standard SAP displays.

**Project status:** Design prototype. Output is a mock-up, not a SAP screenshot. ABAP implementation, SAP integration and system testing are pending.

PINTER TECH SOLUTIONS

# Certificate Expiry Tracker

A manual inventory prototype for renewal planning

PROTOTYPE 03 / DESIGN DEMONSTRATION / FICTIONAL DATA

## BUSINESS PURPOSE

Help support teams track certificate renewal dates and accountable owners for SAP-facing services. The first version uses a manually maintained inventory; automatic certificate discovery is a future enhancement.

## PROPOSED SELECTION SCREEN

As-of date: 01 Oct 2026 | Environment: All | Owner: All
Warning window: 30 days | Include expired certificates: Yes

## ILLUSTRATIVE REPORT OUTPUT

| Service / certificate | Expires | Days left | Review indicator |
|---|---|---|---|
| DEMO Web Dispatcher | 16 Oct 2026 | 15 | Renewal due |
| DEMO IAS trust entry | 15 Nov 2026 | 45 | Outside warning window |
| DEMO backend HTTPS | 29 Sep 2026 | -2 | Expired - investigate |
| DEMO integration endpoint | 31 Oct 2026 | 30 | Renewal due |

## REPORT LOGIC

Calculate calendar days from the selected as-of date. Flag negative values as expired and 0-30 days as renewal due. Inventory dates need verification; the tracker does not prove certificate trust or application connectivity.

## CONTRIBUTION AND IMPLEMENTATION SCOPE

Basis contribution: define inventory fields, expiry rules, ownership and renewal handover. Planned development: an inventory-backed report. No private keys or credentials belong in the inventory.

## VALIDATION PLAN

Proposed tests: expired certificate; expiry today; exactly 30 days; missing date; duplicate entry; owner filtering. Validate renewed dates against the actual certificate before updating the inventory.

**Project status:** Design prototype. Output is a mock-up, not a SAP screenshot. ABAP implementation, SAP integration and system testing are pending.