

ProcessVue ARC

A CLOUD-BASED ALARM KPI ANALYSIS TOOL

From Alarm Data To KPIs - In Minutes

Upload a CSV export from your alarm historian and **ProcessVue ARC** builds a full set of industry-standard KPI dashboards automatically - no installation, no spreadsheets.

From CSV to Dashboard in Three Easy Steps

1

Upload

Drop in a CSV export from any SCADA or alarm historian and move straight into guided mapping

2

Map

Assign timestamp, tag, message class and priority once, then save the mapping for reuse

3

Analyze

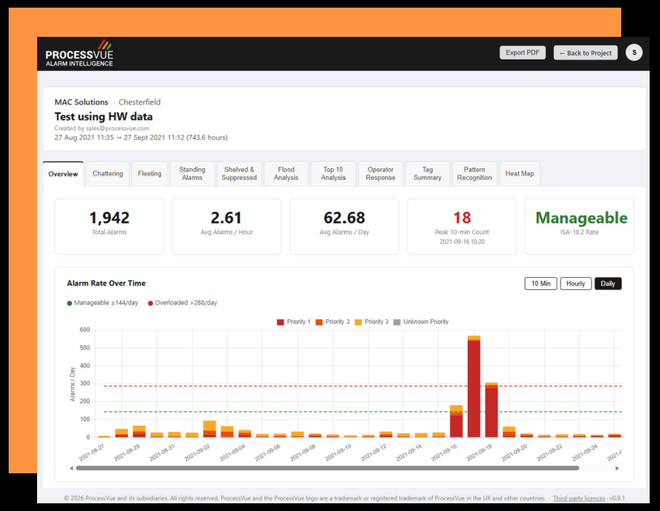
ARC imports the data and calculates the KPI dashboards for the selected period automatically

PROCESSVUE
ALARM INTELLIGENCE

What is ProcessVue ARC

ProcessVue ARC is a cloud-based alarm KPI analysis tool. Upload an export from your existing alarm historian or SCADA system, map your columns once, and ARC calculates a complete set of benchmarked KPI views on demand.

Every Project Opens On A Standards-Rated Overview



Headline Figures At A Glance
Total alarms, average rates and the peak 10-minute count

A Clear Rating
Alarm rate rated Manageable or Overloaded against the benchmarks

When It Went Wrong
Daily alarm rate by priority shows the days the system was overloaded

The Challenge

You Know Alarm Performance Matters. But Where Do You Start?

Most organizations lack a clear picture of where their alarm problems lie, and getting that first answer can be a challenge in itself.

ARC Removes That Barrier
Use your existing alarm history to set a baseline, prioritize, and build the case for investment, with no formal programme needed.

What ARC Analyzes

ISA-18.2 Alarm KPIs, Calculated Automatically

Every dataset is benchmarked against ISA-18.2 alarm rate thresholds, with dedicated analysis of standing, chattering and fleeting alarms, alarm floods, the top contributing alarms, and operator response time - calculated automatically from the data you upload.

Overview · Chattering · Fleeting · Standing Alarms · Shelved & Suppressed · Heat Map · Flood Analysis · Top 10 Analysis · Tag Summary · Pattern Recognition · Operator Response

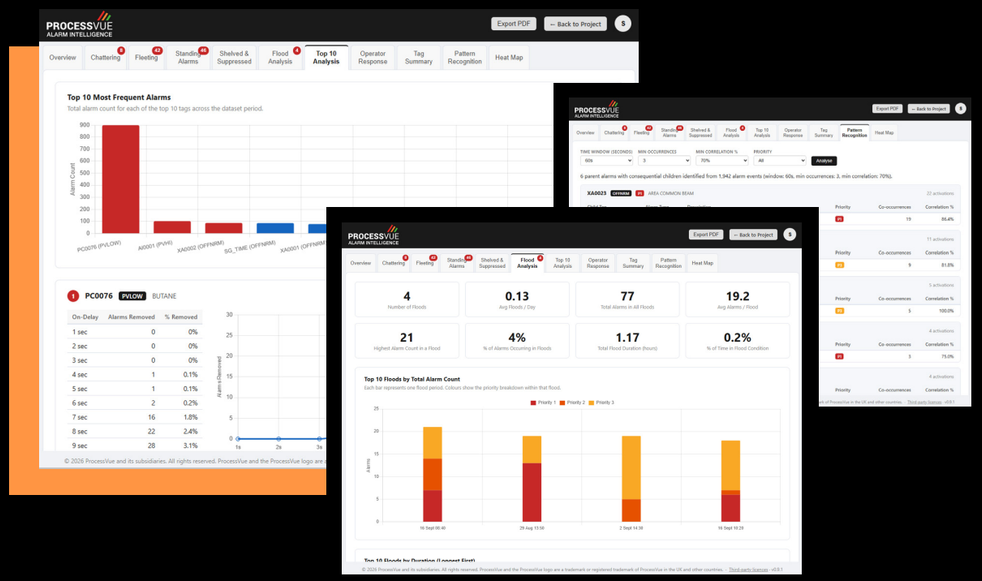
Reporting & Export

Export Any View To PDF

Every KPI view can be exported to PDF - pick exactly what you need, down to individual charts, for reporting, audits, or sharing with people who don't need a login.

Found For You

Floods, Bad Actors And Alarm Patterns



Security By Design

ARC Never Connects to Your Plant



Read-only By Design
Data enters only as up-loaded CSV exports; no link to any DCS, SCADA or historian



Nothing To Install
Hosted web application, used through a standard browser



Passwordless Login
One-time email links; no passwords stored; login requests rate-limited



No Third-Party Tracking
No CDNs or analytics; data held on ProcessVue-operated Azure infrastructure



Hardened Application
CSRF protection, upload validation, role-based access, non-root container



Regular Security Assessment
Documented, recurring CRA-aligned programme; all open-source components permissively licensed

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Who It's For

Built For Every Team That Needs Answers

Alarm Management Consultants
Running one-off rationalization or bench-marking studies for clients

Plant & Site Engineers
Self-serve KPI reporting without waiting on IT or outside help

Sites Without a Live Monitoring Need
Periodic industry-standard reporting on a monthly or quarterly rhythm

Start Measuring What Matters
Talk To Us About Your Alarm Data

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