

## Falco DOIT: Real-Time Shopfloor Intelligence for Agile Manufacturing



### Every Minute Counts on the Factory Floor

For most organizations in the manufacturing sector, every hour of downtime isn't just lost productivity — it's lost revenue, delayed delivery, and customer frustration. Yet many organizations still rely on end-of-day summaries, paper logs, or spreadsheet uploads to manage their operations. By the time you know something went wrong, the shift is over — and the cost is already real.

That's exactly what **Falco DOIT** solves.

Falco DOIT (Digital Operations & Insights Tracker) is the real-time heartbeat monitor of your production floor. It delivers **continuous digital tracking of machines, operators, tasks, and downtime** — giving you the visibility you need to act, not react



### What's Broken Today?

Here's what typically happens in many factories,:

- ❖ **Delayed Data:** Production data is recorded at shift end or uploaded manually, often riddled with delays or errors.
- ❖ **Zero Accountability in Real Time:** Machines go idle, but nobody's alerted. Minor stoppages are ignored until they become costly breakdowns.
- ❖ **No Line-of-Sight to Performance:** Managers struggle to know what's really happening on the floor — what's running, what's stalled, and why.
- ❖ **Postmortem Culture:** Decisions are made after the fact, when it's too late to correct course.
- ❖ **Fragmented Systems:** Spreadsheets, registers, and whiteboards don't talk to each other. There's no single source of truth.

All of this leads to reactive firefighting, higher costs, lower output, and frustrated customers.



## What Falco DOIT Enables

**Falco DOIT** flips this broken model. Instead of waiting for data to come to you, it delivers real-time production visibility at your fingertips.

- ❖ See every machine status live: Know what's running, idle, or under breakdown — across shifts, lines, or locations.
- ❖ Track operator performance: View who's logged in, what task they're on, and how efficiently they're delivering.
- ❖ Monitor actual vs. planned output: Spot underperformance or overachievement in real time.
- ❖ Capture downtime with reason codes: Every stoppage gets recorded — with operator-assigned or system-assigned reasons.
- ❖ Enable accountability and alerts: Escalations are triggered automatically if downtime exceeds thresholds.

With **Falco DOIT**, your shop floor becomes transparent, responsive, and data driven.

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## Core Features

Here's what makes Falco DOIT the ideal factory companion for digital production control:

- ❖ Live Machine Dashboards
  - Monitor every production asset across all lines
  - Color-coded views of running, idle, breakdown status
  - Drill down by shift, operator, product, or batch
- ❖ Operator Allocation & Tracking
  - Assign operators to machines and tasks with ease
  - Track login/logout, operator productivity, and job completion
- ❖ Production vs. Plan
  - Real-time view of actual output versus daily/weekly plan
  - Graphical views to identify bottlenecks instantly
- ❖ Downtime Capture & Categorization
  - Every stoppage gets timestamped and categorized
  - Classify reasons as mechanical, material, operator, power, etc.
  - Identify recurring loss patterns across shifts and lines
- ❖ Alert Engine
  - Define thresholds for minor and major stoppages
  - Get real-time alerts via screen, SMS, or email
  - Automatically escalate if machines remain idle
- ❖ Shift-End Reports & Historical Trends
  - Auto-generated reports for production, downtime, and efficiency

Compare across shifts, weeks, or machines to identify patterns

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## Designed for Real-World Production Floors

Falco DOIT is **not an Industry 4.0 buzzword platform** that needs a PhD to implement. It's built ground-up for practical shopfloor usage:

- ❖ Easy deployment on existing terminals
- ❖ Works on tablets and mobile interfaces
- ❖ No expensive hardware needed — just discipline and clarity
- ❖ Affordable and scalable — start small and grow plant-wide

Whether you run a machine shop, assembly line, or packaging unit, Falco DOIT gets your production under control — without disrupting your flow.

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## From Guesswork to Insightful Action

The value of real-time production visibility is not just in seeing what's happening — it's in acting on it **while it's still happening**.

With Falco DOIT, you no longer wait for problems to reveal themselves. You:

- ❖ Intervene faster.
- ❖ Reduce machine idle time.
- ❖ Empower your supervisors with visibility.
- ❖ Move from daily firefighting to proactive control.

And most importantly, you deliver better outcomes — on time, with lower cost, and greater customer satisfaction.

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