



TRACKING & MATERIAL TRANSPARENCY

TOTAL ASSET VISIBILITY

The Smart Equipment Passport makes location, status, history and responsibilities visible in one trusted record.

Across goods receipt, maintenance, logistics and scaffolding — connected to ERP systems, engineering databases and technical drawings.

Stop Searching, start finding anything, everywhere and anytime.

Where is that spare part? Has the equipment been serviced — and where is it right now? Is the scaffold inspected and released for the next shift? In equipment and material intensive areas like Good Received, Commissioning, Maintenance, Logistics experts lose hours every day to search or communicate, handle spreadsheets and paper folders — and the cost is real: delayed projects, double-ordered parts, unplanned downtime and a compliance risk.

SEP Tracking closes the gap of intransparency. It gives every physical object a digital identity and a Smart Equipment Passport — a single source of truth that travels with the equipment or material. Location, status, history and responsibilities live in one place, fed automatically from your ERP systems, engineering databases and contextualized to technical drawings. Available wherever decisions are made: On the Shopfloor, in the control room, and as a structured data stream into SAP, Siemens, AutoCAD, AVEVA and many more of your tools.

See our video from our public success story with Shell:

<https://youtu.be/Rak3oGxnBZ4>

WHAT THE PLATFORM DELIVERS

Four things SEP gives every team.

Total asset transparency

Location, status, inspection history and responsibilities for every asset — managed centrally and visible to everyone who needs them.

Documentation that stays valid

Technical data, certificates, instructions and manuals: accurate, instantly available and simple to keep up to date.

Real-time data where decisions happen

On the engineer's tablet, on the control-room screen, and as a structured stream into SAP, AVEVA and your maintenance & ERP systems.

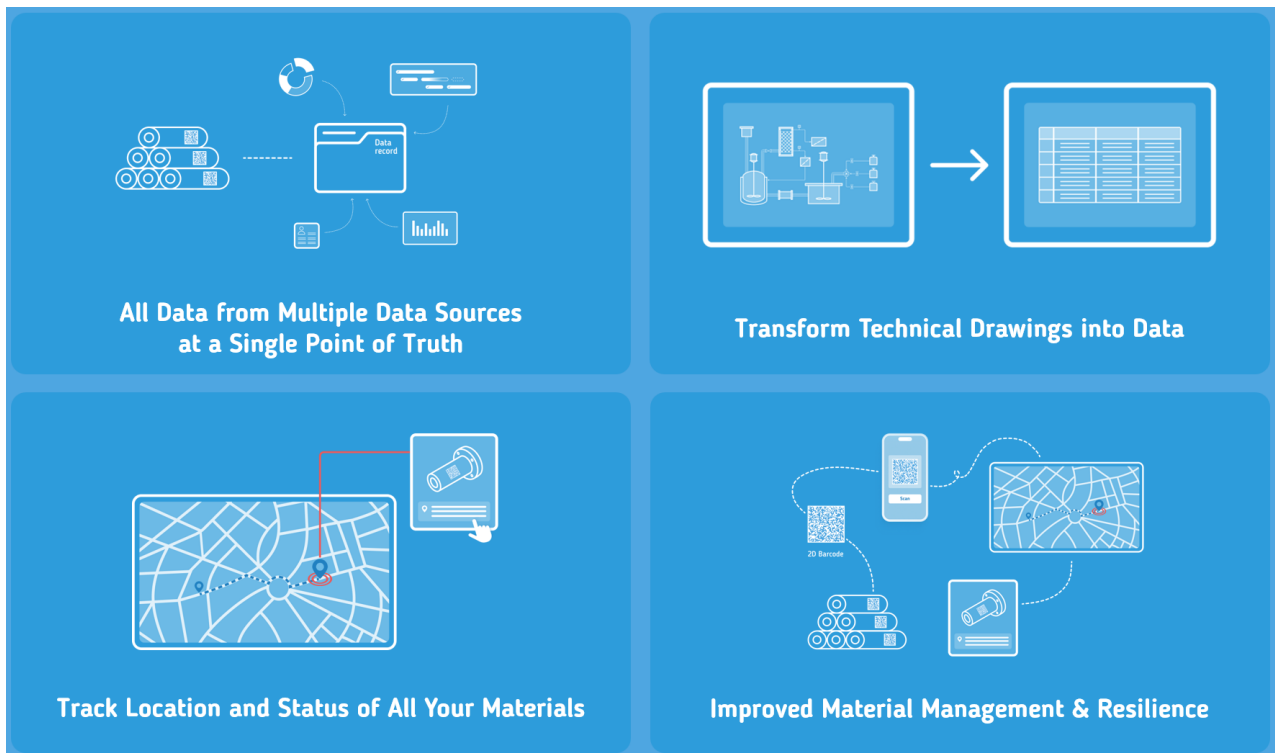
Granular roles & access

Individual role and access management — so each person sees and changes exactly what they should, and nothing more.

THE PLATFORM AT A GLANCE

One passport, from data source to decision.

SEP pulls scattered information into one trusted record, then makes it usable everywhere your assets and your people are.



ONE PLATFORM, ANY TRACKING TECHNOLOGY

Three technologies. One platform.

The right tracking technology depends on the asset, the environment and the job. SEP combines all three on one platform and in one passport — so you never have to commit to a system before you know the task.

2D Codes (Data Matrix or QR)

Every asset carries a unique Code. A single scan with a tablet opens the passport and updates the reported position. Low-cost, rugged and reliable — built for the most demanding industrial environments.

UHF RFID

Ultra-rugged passive RFID tags enable contactless, automatic capture — including in Ex-protection zones. Ideal for warehouses, plant construction and turnarounds where thousands of assets must be read at once. No manual scanning, no delay, no per-read cost.

GPS

GPS transmitters deliver live outdoor positions across sprawling industrial sites. Especially relevant for mobile assets, container management and cross-site logistics that move beyond the reach of fixed readers.

LoRaWAN and 4G

Data is processed inside your private LoRaWAN network and/or outside of the site using 4G. Selected sensors and trackers provide ideal service, tailored to the needs of the equipment or material with optimal cost structures.

WHAT YOU CAN DO ACROSS THE LIFECYCLE

From delivery to decommissioning.

For any asset, the value comes from the same idea: one passport, updated automatically, trusted by everyone who touches it — from goods-in to the next project.

01 Goods receipt & material tracking

Capture every delivery by 2D-code scan, RFID gate or GPS the moment it arrives, with an automatic match against your purchase-order data. From ordered to delivered, inspected and installed, every material stays traceable in real time as well as your certificates and compliance documents in your passports.

02 Turnarounds & shutdowns

Track thousands of assets live through the revision. Removed, in the workshop, inspected, reinstalled with automated RFID capture. Reference projects show up to 70% less manual effort in collecting data for management reporting.

03 Inspection & maintenance

No more searching, no more mix-ups. Inspection checklists and workflows run on the mobile device; a scan at the equipment launches the correct procedure automatically, and findings, photos and readings are captured digitally and pushed straight into SAP PM, AVEVA or IRMS.

04 Scaffolding management

Every scaffold gets a digital identity via RFID or 2D code. Release status, inspection dates and responsibilities are visible at any time, expiring deadlines trigger automatic reminders, and scaffolder, operator and inspector finally share one record.

05 Plant construction & logistics

Capture components with a unique ID from the manufacturer all the way to installation. Gap-free, real-time traceability protects against loss and theft and gives every stakeholder one transparent view of the build.

PROVEN ON SITE

Measurable results.

The same data that locates an asset also reveals your bottlenecks, turning every completed project into input that makes the next one faster.

**Up to 3
days**

shorter turnaround
duration

85%

less material loss

100%

fewer mix-ups

100%

material-flow
traceability

Start with a live demo.

Whether it's goods receipt, scaffolding management or a full turnaround, we'll show you how SEP works in your environment — using your assets and your systems. You leave the call with a concrete pilot proposal.

www.coac.de/products/sep-material-tracking | info@coac.de

Request a demo