OPEREX




SEPARATELY ORDERABLE ADD-IN

# From plan to start-up to actual — tied to the shift log

The plan lives in a spreadsheet that gets emailed round, the start-up on a printed checklist, the actual in the shift log. Plan vs actual is manual work, and afterwards nobody can see who released production and when. Production plan and Campaign start-up answer this: the plan turns into a start-up checked with signed gates, and the actual comes from the shift log.

### Two add-ins, two kinds of plant — ordered separately

The Production plan is for continuous production lines: daily plan rows per line, plan vs actual from the shift log's periods, start-up on the line. Campaign start-up is for batch plants: a campaign plan, phases, signed gates, progress. They share the product list, the start-up mechanism and Quality specifications. One plant runs one of them; a site can run both.

## WHAT THE TWO ADD-INS DO

### Production plan

- ✓ Daily plan rows: product, grade, quantity, tank
- ✓ Overview: running / stopped, today, next change
- ✓ Changeover and Stop with the plan's suggestion
- ✓ Plan vs actual from the log's period quantities
- ✓ Change log with restore

### Campaign start-up

- ✓ Campaign plan with approval, revisions with reason
- ✓ Phases: Start-up → Production → Shutdown
- ✓ Phase indicator in the log and the shift PDF
- ✓ Progress from closed shift logs
- ✓ Campaign PDF with QR verification

### Shared start-up

- ✓ Start-up checklist from the plant's base list
- ✓ Completion: tick, measurement, N/A with reason
- ✓ Signed gates, only on a complete list
- ✓ Timeline showing whether the chain is intact
- ✓ Production gate on a line: off / warn / block

### The plan suggests, the shift decides

The shift records the product actually running; the produced-quantity helper only suggests, and the operator decides.

### One actual, one source

On a line the period quantities, in a campaign the designated diary field: the system never adds them up, and says which it used.

**Ordering:** Two separately orderable add-ins, custom quote. For start-up on a production line, the Production plan is enough. Plan vs actual grid: Analytics module; plan-row grade: Quality specifications; exams: Training module.