

MAKING MANUFACTURING CHANGE **PREDICTABLE**

AGENDA



ELSA: Making Manufacturing Change Predictable

01 The Manufacturing Reality

02 What ELSA is

03 ELSA in Production Optimization

04 ELSA for Manufacturing

05 About Routa Digital

01 THE MANUFACTURING REALITY

LOST PRODUCTION

Misaligned IT and OT decisions create downtime, manual workarounds, and reactive firefighting.

HIGH COST

Redundant and legacy systems inflate licensing, support, and integration costs — often without clear ownership.

SLOW CHANGE

Hidden integrations and data flows make system changes unpredictable and threaten uptime.

RISKY TRANSFORMATION

Decisions are approved without understanding downstream production, safety, or compliance impact.

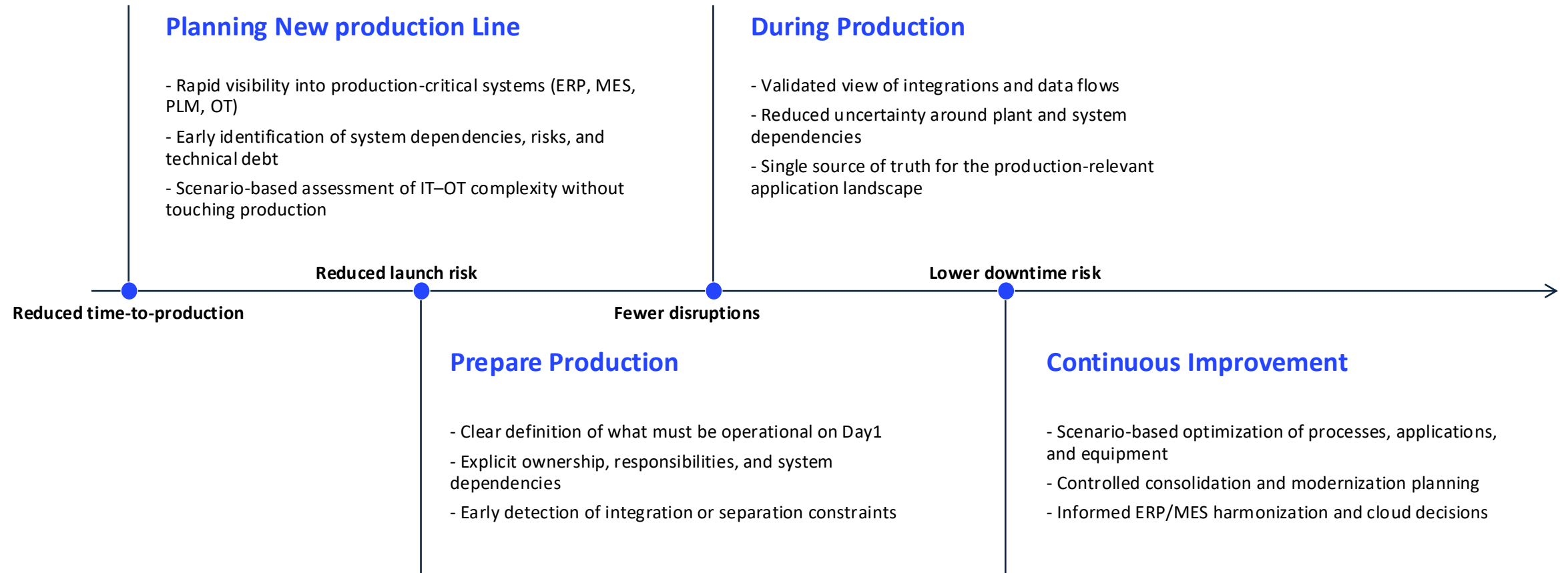
**PRODUCTION VALUE ERODES
WHEN DECISIONS ARE MADE
WITHOUT VISIBILITY
INTO IT-OT DEPENDENCIES.**

02 WHAT ELSA IS

**“ELSA IS A DECISION-SUPPORT PLATFORM THAT MAKES
MANUFACTURING CHANGE **PREDICTABLE** – BEFORE EXECUTION.”**

- Single source of truth for applications, ownership, and lifecycle
- End-to-end visibility of IT–OT integrations and dependencies
- Scenario analysis to compare cost, risk, and impact of change
- Identification of redundancy, technical debt, and consolidation opportunities
- Reduced production risk through informed, staged decision-making

03 ELSA IN PRODUCTION OPTIMIZATION



04 ELSA FOR MANUFACTURING

WHAT ELSA ENABLES

ELSA gives manufacturing leaders early control over cost, risk, and change by making IT–OT dependencies, constraints, and trade-offs visible before commitments are locked in.

BUSINESS IMPACT

In manufacturing environments, clients typically use ELSA to eliminate 10–30% of avoidable integration cost and materially reduce unplanned production risk — by identifying issues early, not fixing them late.

05 ABOUT ROUTA DIGITAL

With our headquarters in Finland and offices in Sweden and India, we support clients across Europe and global programs.

We work with organizations where scale, complexity, or critical timelines demand senior expertise — not generic delivery.

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**WE TACKLE
THE WORLD'S MOST
COMPLEX IT CHALLENGES**