

DRIVING SMART FACTORY TRANSFORMATION

From Operational Chaos to Predictable Margins

FACTORIES ARE GETTING MORE COMPLEX — NOT MORE PROFITABLE



SMALLER ORDERS. SAME DELIVERY PROMISES.

TOO MANY SKU's. NO CLEAR PRIORITIES.

PLANNING BASED ON ASSUMPTIONS.

ENGINEERING: THE HIDDEN BOTTLENECK

FIREFIGHTING INSTEAD OF MANAGING.

DIGITAL TOOLS WITHOUT REAL ROI.

WHAT SETS US UNIQUE?

Traditional Consulting «Recommends»



Sales & Presentation based



Advice



Theory



Short term solutions



Create dependency

Practitioner «Delivers»



Manufacturing based



Impact



Proven solutions



Long term solutions



Make ourselves obsolete

as fast as we can

TRANSFORMATION IS NOT A BIG BANG
IT'S A STRUCTURED JOURNEY



STEP BY STEP



TRANSFORMATION ROADMAP

From Stability to Smart Factory
- Step by Step

Step 1:
Basecamp
Engineering &
Quality
Discipline

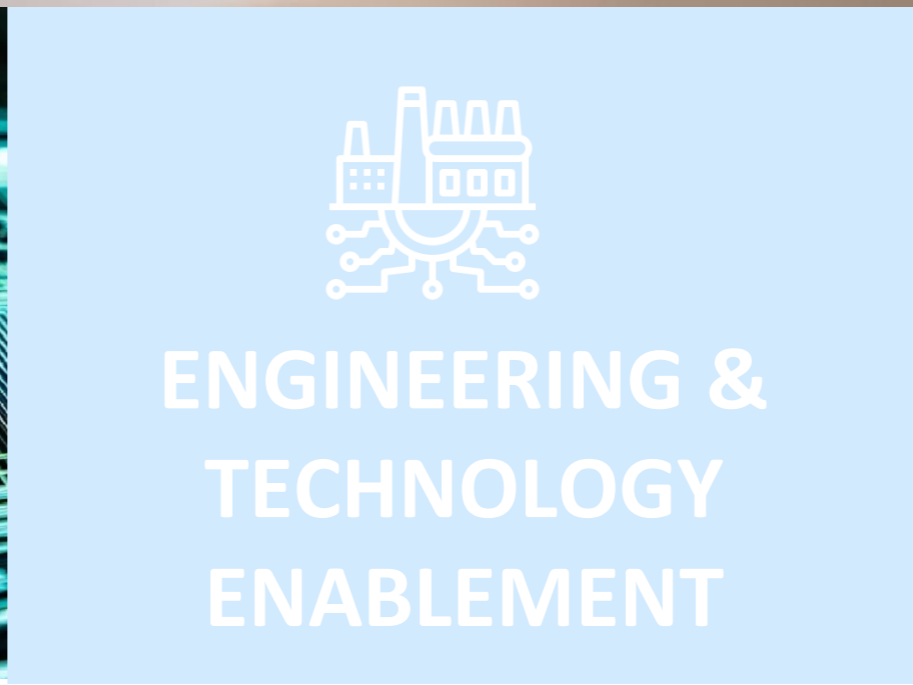
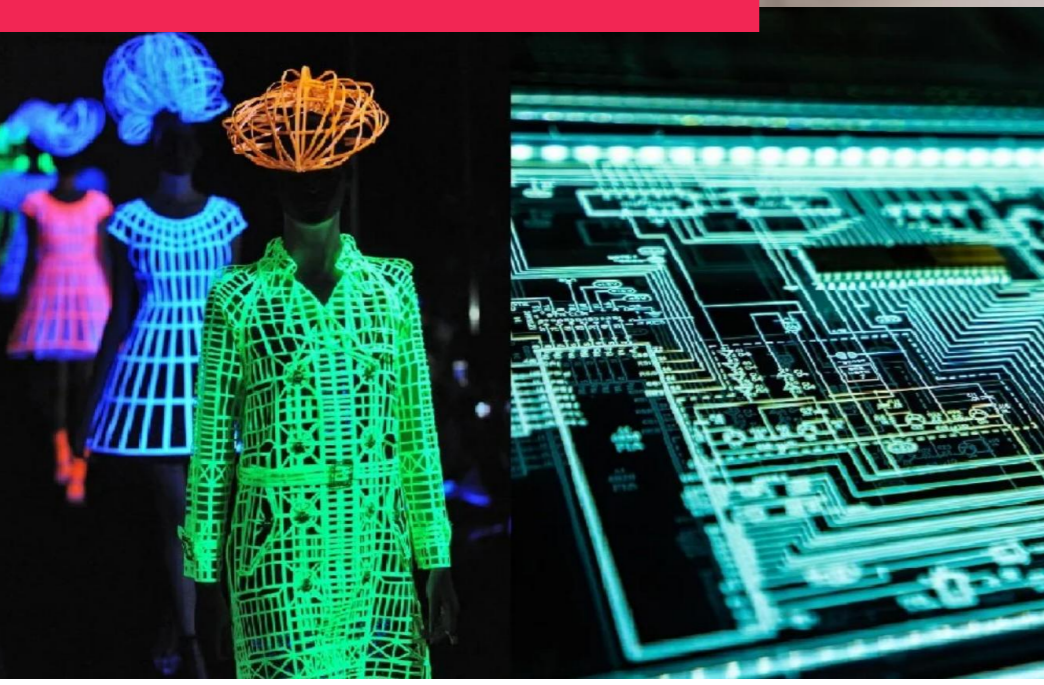
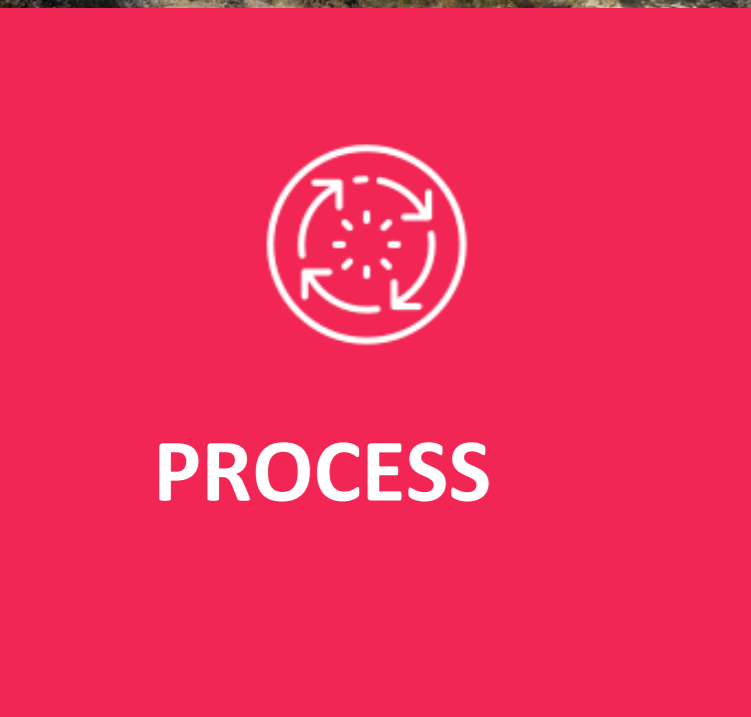
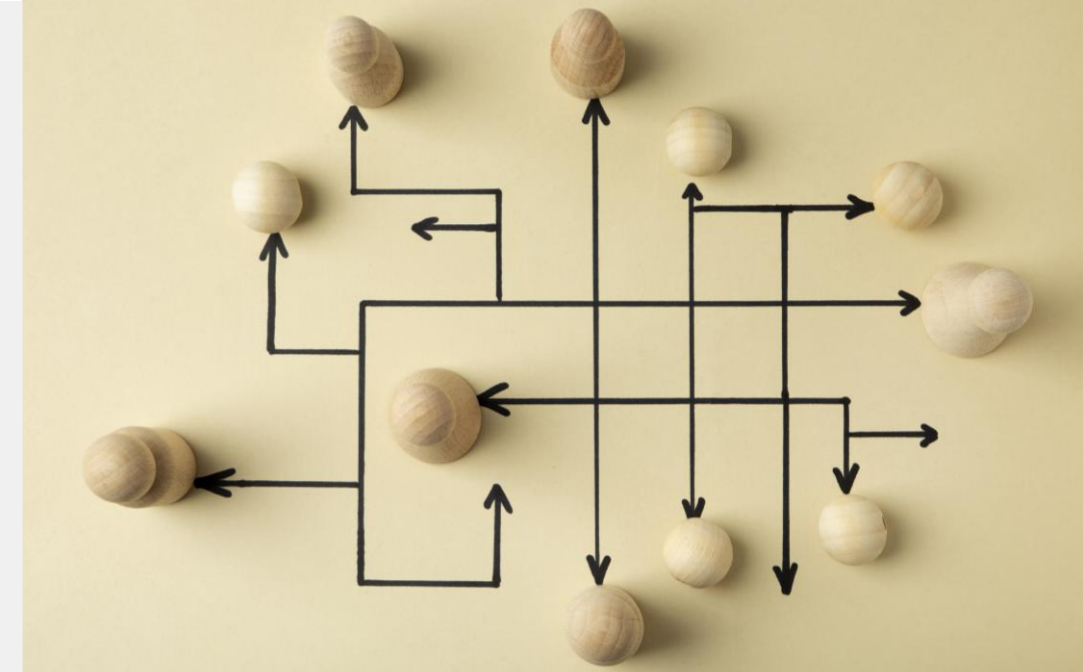


Step 3: Summit
Smart Factory
(Built on Stable Processes)



**Step 2: Higher
Camps**
Lean
Manufacturing at
Scale





OUR SERVICES



→ MOST TRANSFORMATIONS FAIL BECAUSE THEY START WITH TECHNOLOGY



PEOPLE

Build Capability. Create Ownership.

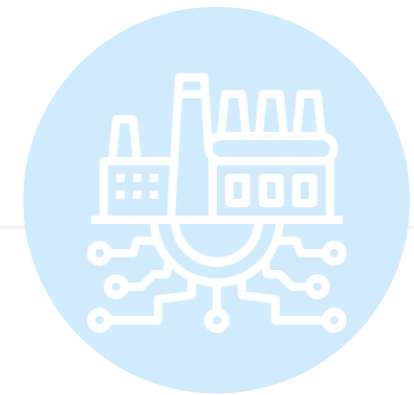
- Leadership & Transformation Coaching
- Factory Management Capability Development
- Multi-Skill & Workforce System Design
- Operational Ownership & Accountability



PROCESS

Stabilize. Simplify. Scale.

- Engineering & Quality Fundamentals
- Production Flow & Layout Optimization
- Model Changeover & Flexibility Management
- Production Planning & Scheduling Logic
- Lean Manufacturing at Scale



ENGINEERING & TECHNOLOGY ENABLEMENT

Turn Data into Decisions.

- Engineering System & Cost Logic Design
- CAD, Cutting Room & Pre-Production Enablement
- Production Planning, Control & Decision Support
- Data & Digital Enablement
- Smart Factory Scaling & Governance



PEOPLE

Leadership & Transformation

Leaders who run the system — not the consultant

- Executive decision-making & priority setting
- Leading transformation under operational pressure

Factory Management Capability

From firefighting to structured execution

- Daily management & performance routines
- Cross-functional factory leadership

Multi-Skill & Workforce System

Flexibility with control

- Skill-based workforce line balancing design
- Productivity-driven flexibility



Ownership & Accountability

Clear targets. Real accountability.

- KPI ownership across functions
- Management by objectives on the shopfloor



PROCESS

Engineering & Quality Fundamentals

Stability before performance

- Clear ownership of processes and engineering decisions
- Quality built into standard work

Production Flow & Layout Optimization

Flow over local efficiency

- End-to-end material & information flow
- Layouts designed for rhythm and visibility

Model Changeover & Flexibility Management

Fast change. Controlled flexibility.

- Structured changeover logic
- Flexibility without chaos

Production Planning & Scheduling Logic

Plans that reflect reality

- Capacity-based planning logic
- Clear priorities from order to shopfloor



Lean Manufacturing at Scale Not a pilot. A scalable system.

- Lean routines embedded into daily management
- Scalable standards across lines & factories



ENGINEERING & TECHNOLOGY ENABLEMENT

1 Engineering System & Cost Logic Design

Decisions based on facts, not assumptions

- Standardized engineering data & cost logic
- One version of truth across styles, lines & factories

3 Production Planning & Control Enablement

Plans that reflect capacity — not hope

- Capacity-driven planning & control logic
- Real-time visibility from order to line

4 Data & Digital Enablement

From data collection to decision-making

- Shopfloor data structured for action
- KPIs that drive behavior, not reports

2 CAD, Cutting Room & Pre-Production Enablement

Right data before production starts

- Integrated CAD, marker & cutting room logic
- Pre-production decisions locked before shopfloor

5 Smart Factory Scaling & Governance

Scale what works. Control what scales.

- Technology deployed on stable processes
- Governance model for multi-site scalability





SARPER ARSLAN

Principal

Sarper Arslan is a seasoned consultant with over 30 years of expertise in Smart Factory transformation, Lean Manufacturing, and Operational Excellence for the apparel and fashion industry. Renowned for guiding global brands like Hugo Boss and Birkenstock, he helps CEOs and COOs achieve sustainable growth through data-driven strategies, workforce development, and future-ready manufacturing solutions.



UMUT ÇİMRİN

Managing Director

Umut Cimrin is an experienced consultant with over 25 years of experience in Lean Manufacturing and Operational Excellence across various sectors of the apparel and fashion industry. Having worked with global brands such as Hugo Boss and Brother, Cimrin applies Lean-Six Sigma methodologies to CAD/CAM processes and focuses on cost reduction, product development, and executive coaching.



READY TO START WITH THE RIGHT FIRST STEP?

→ START WITH A FOCUSED ASSESSMENT — BEFORE INVESTING IN CHANGE

Start the conversation

SARPER ARSLAN

s.arslan@insat.com.de

UT&A Industrial Solutions and Trade GmbH

Phone: +49 176 228 47549

Hammer Str. 19, 40219 Düsseldorf, Deutschland

UMUT ÇIMRIN

contact@insat.com.de

UT&A Industrial Solutions and Trade GmbH

Phone: +49 174 626 46 94

Hammer Str. 19, 40219 Düsseldorf, Deutschland