

THE AI BLUEPRINT FOR PHYSICAL PRODUCTS

How Agentic Intelligence Will Transform Industries

Comment l'Intelligence Agentique va transformer les industries ?

ABOUT THE COMPANY

U-Experten is a one-stop-shop for OEMs in various industries, covering product-ideation, -design, -engineering to manufacturing and lifecycle management.

With the interdisciplinary professional services we provide a holistic approach for smart product transformation from vision to serial production.

Since February 2025, U-Experten is part of **STELIAU Technology**.

220

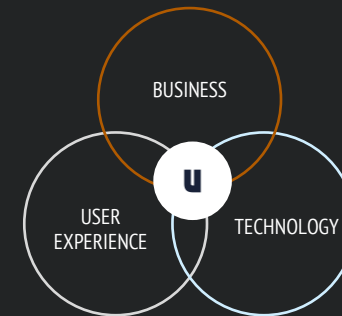
Employees
Overall



Revenue
in DACH, EU and NA

INDUSTRY
LAB & MED-TECH
FOOD & BEVERAGE
RETAIL
LIGHT & BUILDING

Our Industries
Focus



ABOUT US

DEVELOPING PHYGITAL PRODUCTS FOR OVER 50 YEARS



STATUS QUO

INNOVATION MOVES BEYOND THE CORE

#1 Core Domain Offers Limited Innovation

#2 Focus on UI/UX Optimization

#3 Build Digital/IoT Layer



reddot winner 2024

UX
DESIGN
AWARDS



THE PROBLEM

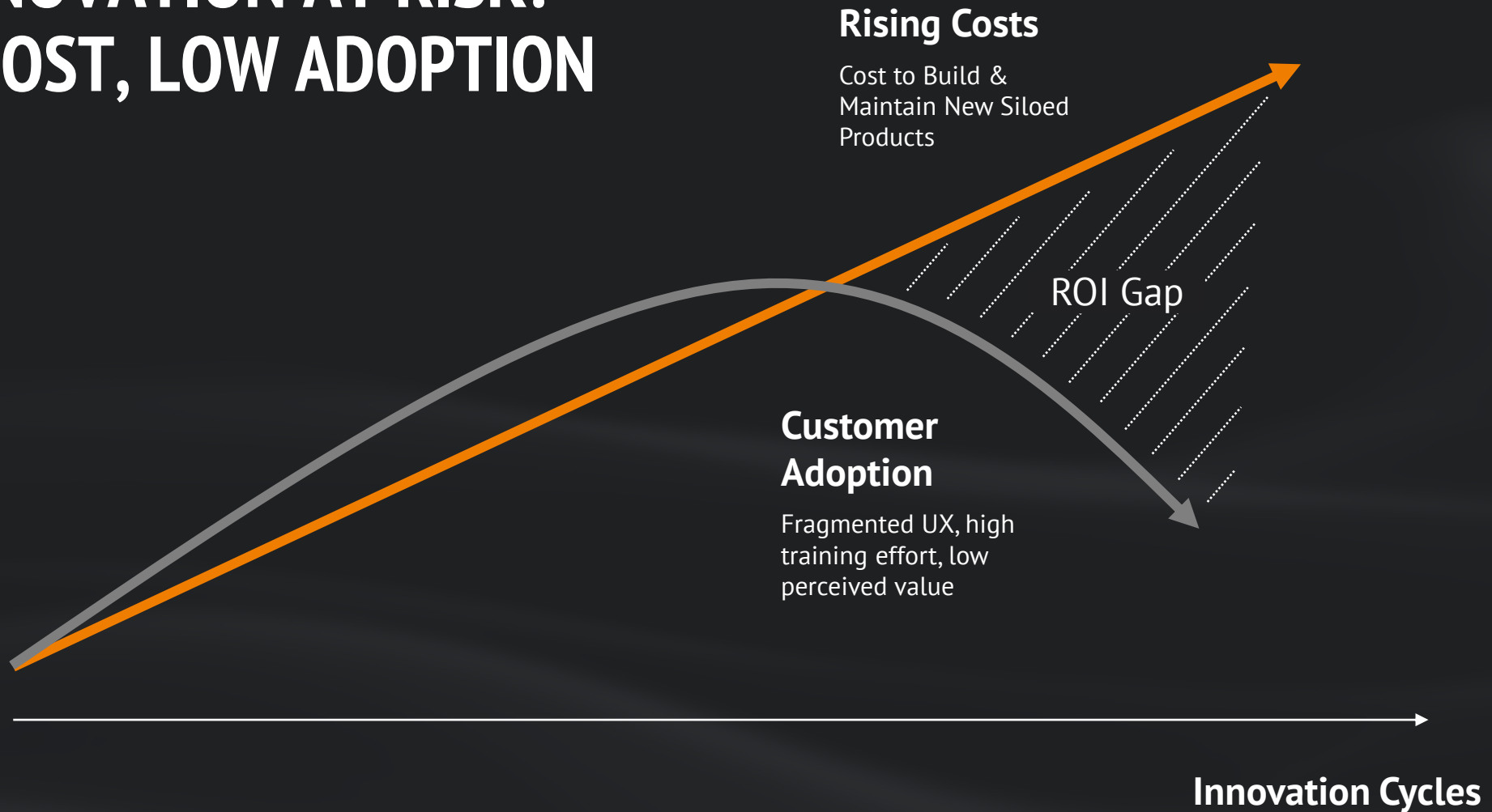
MORE SMART PRODUCTS – MORE SILOS

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THE PROBLEM

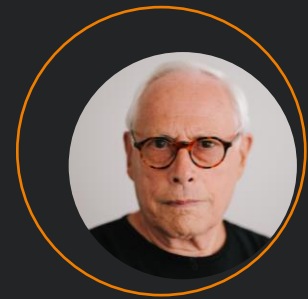
IOT INNOVATION AT RISK: HIGH COST, LOW ADOPTION



A young man with dark hair, wearing a light green shirt, is shown in profile, looking down at his work in a workshop. The background is dark and filled with various tools and equipment, including a clock on the wall and a workbench with drawers.

COMPLEXITY IS EASY, SIMPLICITY IS HARD.

Dieter Rams

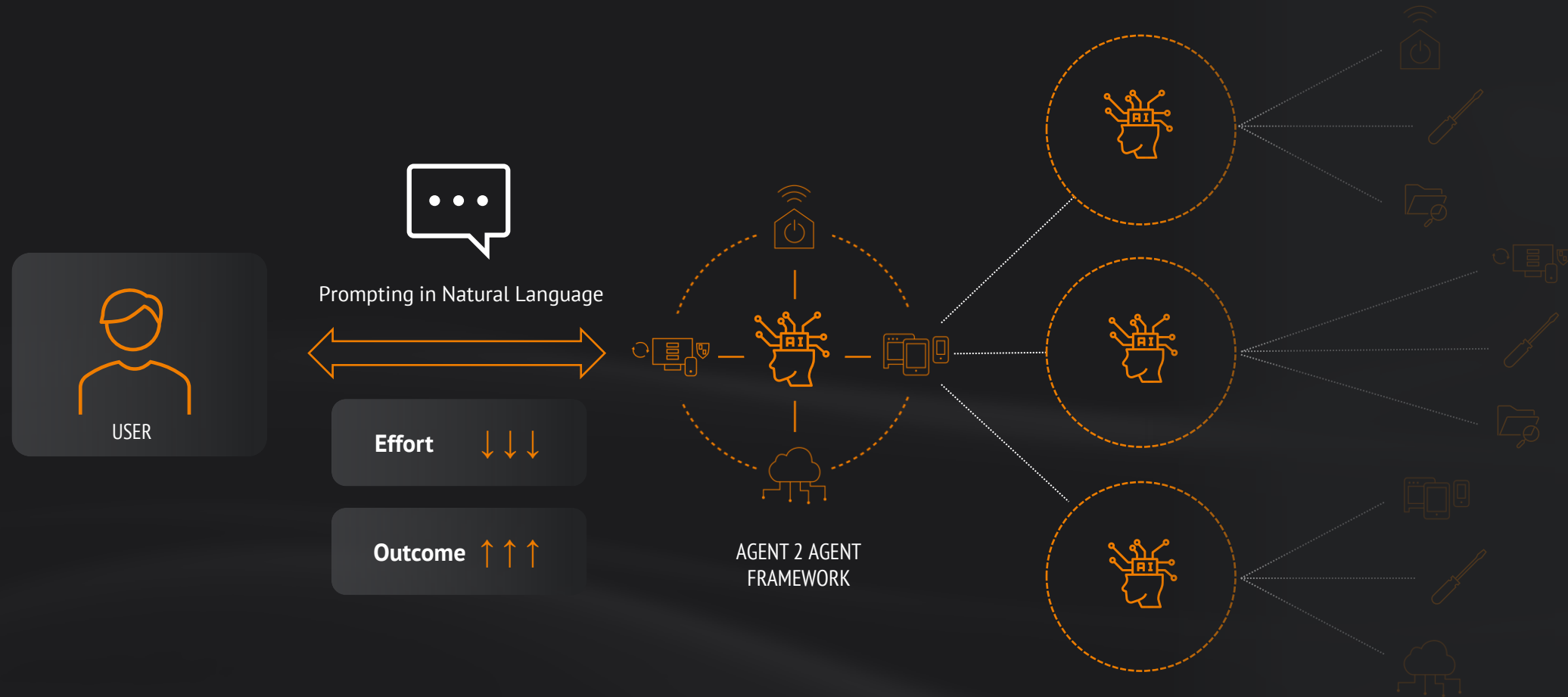


The background of the entire image is a dark blue field with vertical streaks of light, resembling the 'digital rain' effect from the movie The Matrix. On the right side, the back of a person's head and shoulders are visible in silhouette, looking towards the left where the text is located.

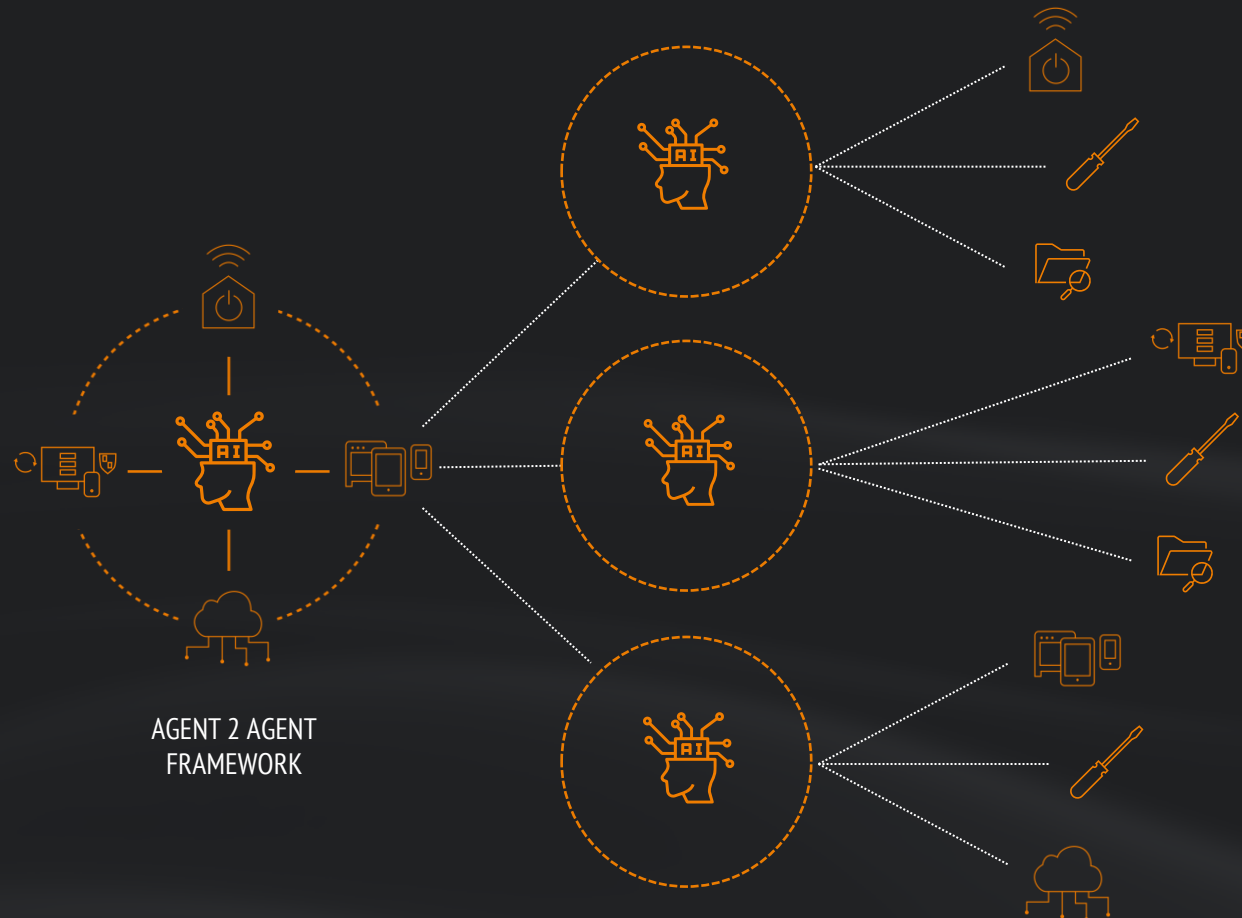
AGENTIC AI EMPOWERS ECOSYSTEM SIMPLICITY

L'IA AGENTIQUE SIMPLIFIE
L'ÉCOSYSTÈME

SIMPLICITY BY CONVERSATIONAL UI



SIMPLICITY BY AUTONOMOUS TOOL ORCHESTRATION



Model Context Protocol (MCP)

The “**USB-C**” for integrating external tools and resources to LLM Agents

THE PERFECT AI IS A VERY TINY MODEL
WITH SUPERHUMAN REASONING (...) AND
ACCESS TO EVERY TOOL YOU CAN IMAGINE.”

Sam Altman



THE MISSING LINK

UNLEASHING PHYGITAL PRODUCTS INTO THE AI WORLD

LANCER DES PRODUITS PHYGITAUX
DANS LE MONDE DE L'IA

SIMPLER WORKFLOWS – REAL RESULTS



Efficiency Through Autonomous Task Execution

-  30 % ↓ Average Order Fulfillment Time with AI-assisted ordering & preparation
-  66 % ↓ Error reduction through AI-driven voice recognition and fulfillment checks



Lower Labor & Onboarding Cost

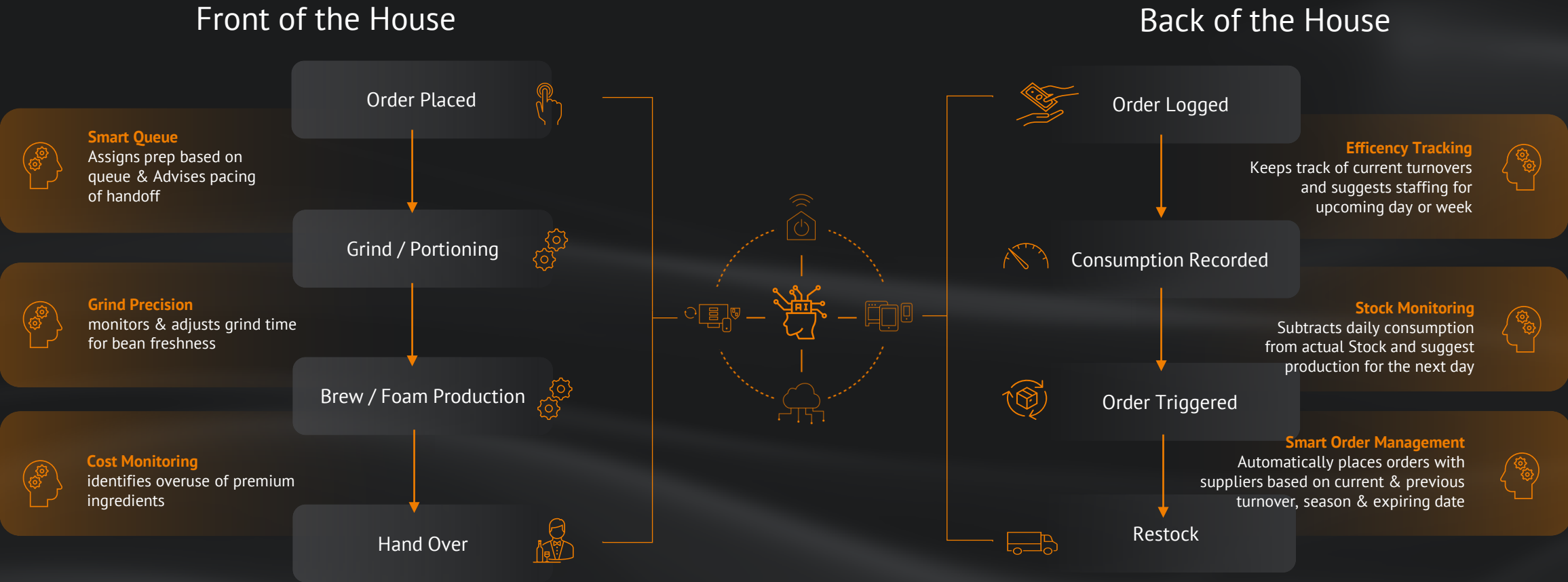
-  10 % ↓ Reduction in labor cost through AI shift scheduling and demand forecasting
-  50 % ↓ Halve new employee onboarding time with AI-driven assistants



Scalable Intelligence Without Complexity

-  Connect more devices to your favourite LLMs without complexity costs
-  Seamlessly unlock new use cases and automations

TRANSFORMING BUSINESS WORKFLOWS WITH AGENTIC AI



HOW TO START

THE **AI BLUEPRINT** FOR PHYGITAL PRODUCT COMPANIES

LE **PLAN DIRECTEUR DE L'IA** POUR LES ENTREPRISES DE PRODUITS PHYGITAUX

FROM HARDWARE TO INTELLIGENCE: THE AGENTIC AI BLUEPRINT



ADOPT THE AGENTIC MINDSET

Design for outcomes, not tools – enable agents to act, users to achieve

DESIGN PARADIGMS



- Minimalism
- Modularity
- Backwards Compatibility
- Ecosystem-Centric
- Outcome-Oriented

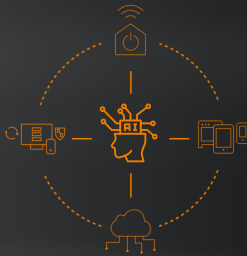
DECOUPLE FRONTIER INTELLIGENCE FROM PRODUCT

Become the most integration-ready hardware



DESIGN FOR AGENTIC INTERACTIONS

Let agents handle routines and humans stay in control where it matters



RETHINK IOT AS AN AGENTIC LAYER

Enabling orchestration, logic & workflows behind the scenes



Custom Client

IoT Stack

RE-THINK PRODUCT DESIGN & HMI

- Shift HMIs to inform & confirm
- Simplify product design to cut BOM costs



TURN KNOWLEDGE INTO VERTICAL AGENTS

Create tailored, smart collaborators



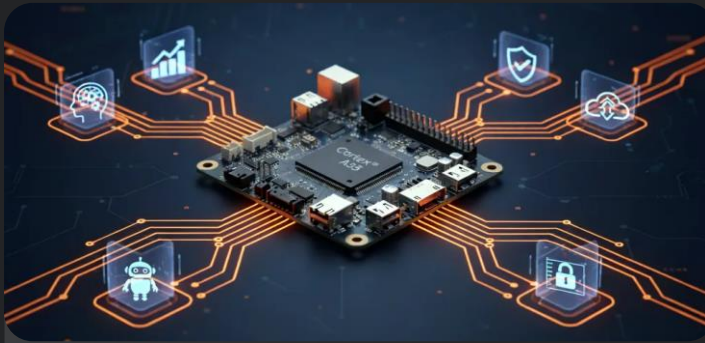
THANK YOU

LET'S EMBRACE ECOSYSTEM SIMPLICITY!

ADOPTONS LA SIMPLICITÉ DE
L'ÉCOSYSTÈME !

U EXPERTEN

EFFICIENCY MEETS SECURITY: BRINGING YOUR PRODUCT TO LIFE!



The **Unified Device Intelligence Platform (UDIP)** makes your products AI-ready from the very beginning. A fully integrated combination of hardware, software, AI features, & sustainable support.

EMBEDDED COMPUTING PLATFORM



- Multi-core Cortex® SBC
- Ready-to-use with cross-platform support
- Full control over hardware and software

CUSTOMIZED AI PLAYGROUND



- Agentic AI in physical products
- Rapid prototypes for ML & generative AI
- Making true intelligence tangible

BOARD SUPPORT PACKAGE



- End-to-end support
- Unified service and regular updates
- Ongoing maintenance and protection

NOW FREE:
AI-HARDWARE- PLAYGROUND

