

BIZZTECH EUROPE BUYER'S GUIDE

# Which Operational Digital Twin Is Right for Your European Organization?

A side-by-side comparison of HAL 8122 Website Edition, HALØ Orchestration System, and the Full Operational Digital Twin — with decision matrix, ROI framework, and implementation checklist. EU data residency and GDPR compliance included.

---

[bizztecheurope.com](https://bizztecheurope.com) | [contact@bizztech.io](mailto:contact@bizztech.io)

© 2026 BizzTech Europe S.L. All rights reserved.

## OVERVIEW

# Three Products. One Platform. Made in Europe.

BizzTech Europe offers three tiers of operational digital twin technology, each designed for a different stage of digital maturity. All three are built on the HAL-OS operating layer — BizzTech's agentic AI foundation that provides policy guardrails, audit trails, and measurable KPIs. All tiers include EU data residency, GDPR-first governance, and multilingual support.

## HAL 8122™ Website Edition

"**The Concierge**" — A multilingual voice + text AI agent for your website. Greets visitors in 90+ languages, answers questions, guides navigation, captures leads, and routes them to your team 24/7. Grounded in your curated knowledge base. GDPR-compliant by design.

Starting from €350/month

## HALØ Orchestration System

"**The Conductor**" — Multi-agent orchestration platform that coordinates systems and teams with rules, approvals, and full traceability. Connects to your OT/IT/IoT stack and turns multi-system processes into auditable, automated workflows. EU-hosted with optional on-premises deployment.

Starting from €7,500/month

## Full Operational Digital Twin

"**The Living Twin**" — City-scale or multi-site deployment combining photoreal 3D visualization (Unreal Engine 5), NVIDIA Omniverse integration, the full HAL agent suite, and a dedicated European success team. Browser-based, no installs. EU/on-prem hosting available.

Custom pricing

## DECISION MATRIX

# Which Product Fits Your Needs?

Use this matrix to identify the right starting point for your European organization.

Website AI concierge (voice + text)	✓	✓	✓
Multilingual support (90+ languages)	✓	✓	✓
Lead routing & engagement analytics	✓	✓	✓
Knowledge base grounding	✓	✓	✓
GDPR-compliant data handling	✓	✓	✓
HALX automated data workflows	—	✓	✓
Multi-system process orchestration	—	✓	✓
Policy guardrails & audit trails	—	✓	✓
IoT / SCADA / BMS integration	—	✓	✓
KPI dashboards & alerting	—	✓	✓
Photoreal 3D digital twin (UE5)	—	—	✓
NVIDIA Omniverse bridge	—	—	✓
Browser-based pixel streaming	—	—	✓
Multi-site portfolio view	—	—	✓
Dedicated EU success manager	—	—	✓
EU cloud / on-prem hosting	—	—	✓

## How to Measure Digital Twin ROI

Digital twin ROI is measured across four dimensions. Use these benchmarks to build your business case.

Energy & OPEX	Energy cost per m <sup>2</sup> , total operating cost	20–30% reduction
Incident Response	Time from alert to action, resolution time	60% faster response
Revenue Impact	Conversion rate, repeat orders, engagement	+27% lift (retail)
Deployment Speed	Time from contract to live operations	<90 days average
Training Efficiency	Onboarding time, safety drill completion	40% faster ramp-up
Compliance	Audit readiness, GDPR adherence, policy rate	Full audit trail

### ROI Calculation Example

A European campus with 10 buildings, 18,000 m<sup>2</sup> each, €85/m<sup>2</sup> energy cost, and 12 incidents/year:

- Energy savings (23% avg.):  $10 \times 18,000 \times €0.85 \times 0.23 = \mathbf{€352,260/year}$
- Incident response savings (60% faster  $\times$  €15K avg.):  $12 \times 0.6 \times €15,000 = \mathbf{€108,000/year}$
- **Estimated total annual savings: €460,260/year**

Use the interactive ROI Calculator at [bizztecheurope.com](http://bizztecheurope.com) to model your specific scenario.

# Getting Started with BizzTech Europe

## Phase 1: Discovery (Week 1–2)

- Identify primary use case (operations, training, engagement, or automation)
- Map existing OT/IT/IoT systems and data sources
- Define success KPIs (energy, response time, cost, compliance)
- Identify stakeholders and decision-makers
- Confirm EU data residency and GDPR requirements

## Phase 2: Configuration (Week 3–6)

- Connect data feeds (IoT, SCADA, BMS, GIS, BIM)
- Configure HAL agents and policy guardrails
- Set up KPI dashboards and alerting rules
- Define user roles and access permissions (GDPR-aligned)
- For Full Twin: build photoreal 3D environment from CAD/BIM/scans
- Configure multilingual voice agents for target markets

## Phase 3: Validation (Week 7–10)

- Run pilot with limited user group
- Test what-if simulations and automated workflows
- Validate KPI tracking against baseline measurements
- Collect user feedback and refine configuration
- Verify GDPR compliance and data handling procedures

## Phase 4: Go-Live (Week 11–12)

- Full deployment to all users and stakeholders
- Enable automated reporting and compliance exports
- Schedule recurring KPI reviews with BizzTech Europe success team
- Document before/after metrics for leadership presentation

---

## NEXT STEPS

# Ready to Explore?

1. **Try the ROI Calculator** — Estimate your savings at [bizztecheurope.com](https://bizztecheurope.com)
2. **Request a Playbook** — Get a tailored architecture, integration map, and KPI plan
3. **Schedule a Live Demo** — 30 minutes, your data, your questions

**Contact:** [contact@bizztech.io](mailto:contact@bizztech.io)

Web: [bizztecheurope.com](https://bizztecheurope.com) | Global: [bizztech.io](https://bizztech.io)