

BIZZTECH BUYER'S GUIDE

Which Operational Digital Twin Is Right for Your 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.

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OVERVIEW

Three Products. One Platform.

BizzTech 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.

HAL 8122™ Website Edition

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

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.

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 success team. Browser-based, no installs.

Custom pricing

DECISION MATRIX

Which Product Fits Your Needs?

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

Website AI concierge (voice + text)	✓	✓	✓
Multilingual support (90+ languages)	✓	✓	✓
Lead routing & engagement analytics	✓	✓	✓
Knowledge base grounding	✓	✓	✓
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 success manager	—	—	✓
EU data residency option	—	—	✓

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 sq ft, 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, policy adherence rate	Full audit trail

ROI Calculation Example

A campus with 10 buildings, 200,000 sq ft each, \$8/sq ft energy cost, and 12 incidents/year:

- Energy savings (23% avg.): $10 \times 200,000 \times \$0.08 \times 0.23 = \mathbf{\$368,000/year}$
- Incident response savings (60% faster \times \$15K avg.): $12 \times 0.6 \times \$15,000 = \mathbf{\$108,000/year}$
- **Estimated total annual savings: \$476,000/year**

Use the interactive ROI Calculator at bizztech.io to model your specific scenario.

Getting Started with BizzTech

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

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
- For Full Twin: build photoreal 3D environment from CAD/BIM/scans

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

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 success team
- Document before/after metrics for leadership presentation

Ready to Explore?

1. **Try the ROI Calculator** — Estimate your savings at bizztech.io
2. **Request a Playbook** — Get a tailored architecture, integration map, and KPI plan
3. **Schedule a Live Demo** — 30 minutes, your data, your questions

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