

**DESIGN CYCLE TIME
REDUCED UP TO 90%**



HALO

**AGENTIC AUTOMATION FOR
COMPLEX DIGITAL WORKFLOWS.**

BUSINESS PAIN

- Fragmented tools & hand-offs
- Rework from inconsistency
- Compliance pressure
- Talent bandwidth limits
- Barriers for scaling operations

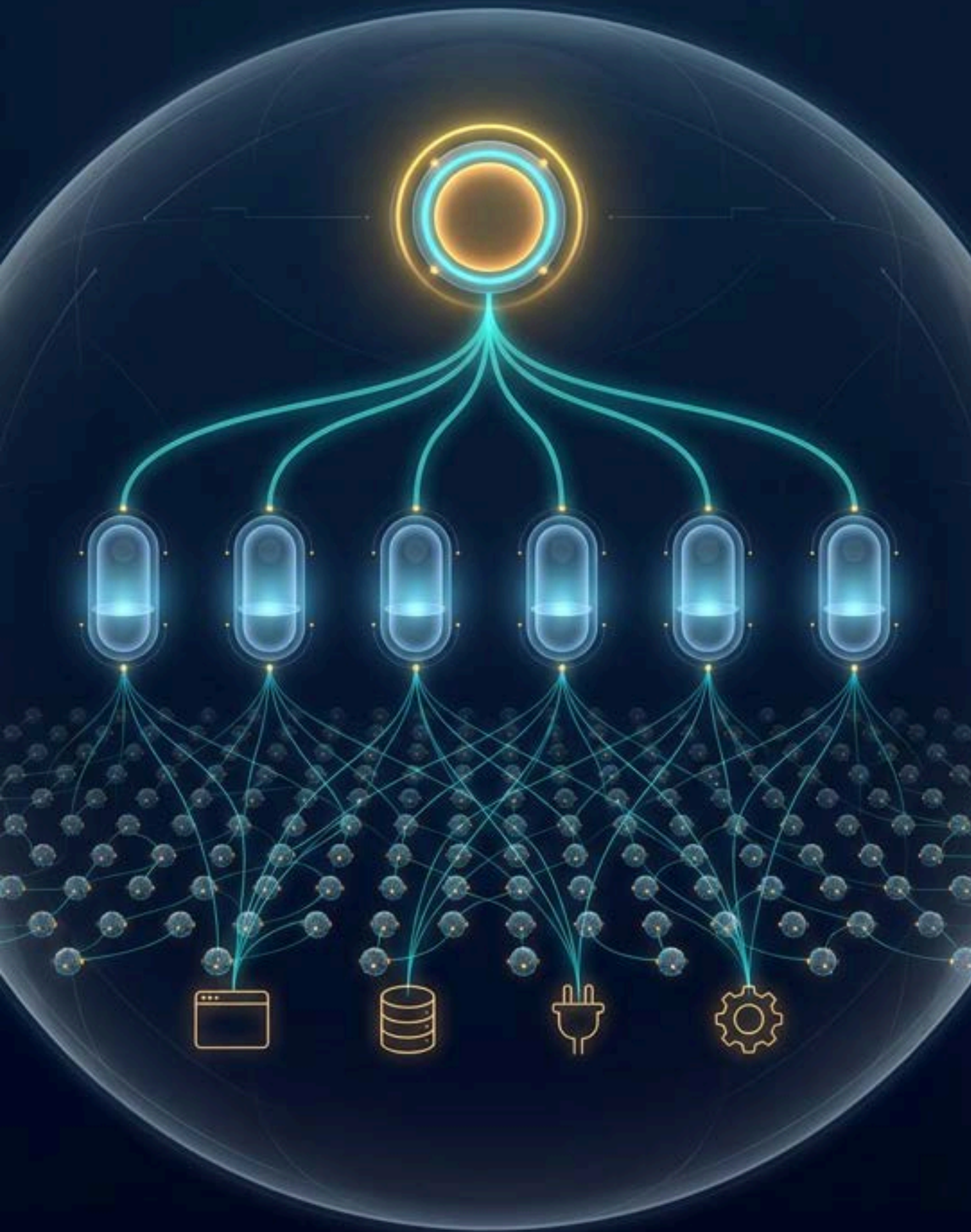
**HALØ ⇒ faster cycles, fewer errors,
lower cost**



DESIGN CYCLE TIME REDUCED UP TO 90%.

Flexible multi-agent orchestration to turn multi-step digital work into **safe, automated workflows** across systems.





WHAT HALØ IS

Hierarchical, multi-agent automation with enterprise guardrails.

-
- **Boss Agent:** goal → plan → policy guardrails
 - **Domain Agents:** specialist skills (design, QA, data)
 - **Leaf Agents:** concrete UI/API actions
 - **Workflow Personas:** reusable “personas” / playbooks
 - **Delivered in a No-Code/Low-Code UI**

HOW HALØ RUNS

Intent in, audit-ready output out.

Trigger

- load workflow plan
- agent collaboration
- human approval gates
- standardized outputs
- full audit trail



ENTERPRISE CONTROLS



Policy/guardrails



Versioned testable workflows



Auditability & rollback



Role-based approvals

WHERE HALØ FITS

Energy & utilities



Smart infrastructure



Manufacturing



Gov/infra ops



Logistics/field services



CASE STUDY

“UTILITY DESIGN SERVICES FIRM (HOUSTON, TX)”

(US infrastructure engineering and construction/program management firm delivering end-to-end support from planning and design through field execution - 1200 employees)

Discovery → Workflow Build with HALØ

What you'll see next:

- **Scope:** Overhead design + CU assignment (standards & QA)
- **Stack:** DDS · ArcGIS UN · Maximo/ERP
- **KPI anchor:** Design cycle time ↓ 70–90% (as used in this deck).



WHY THIS MATTERS FOR DDS/CLIENT

Automate DDS Workflows: consistent designs, fewer touches, faster build-ready packages.

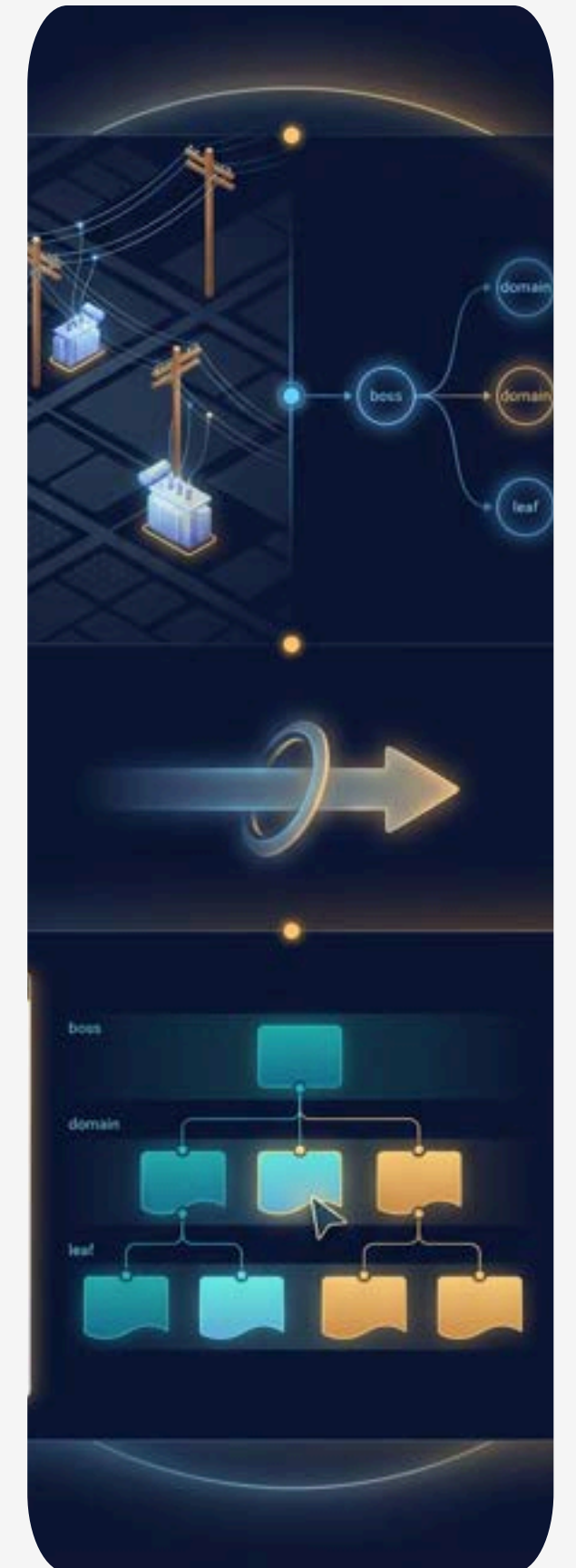
- **DDS centralizes electric/gas design + analysis + estimating**
- **Widely adopted (e.g., FirstEnergy 600+ users; AEP joint-use program)**
- **ArcGIS + WMS/ERP integrations; mobile/offline field design**
- **Benchmarks: 2–3× faster design, 5%+ material savings, 50–70% less duplicate entry, ~50% faster field survey.**

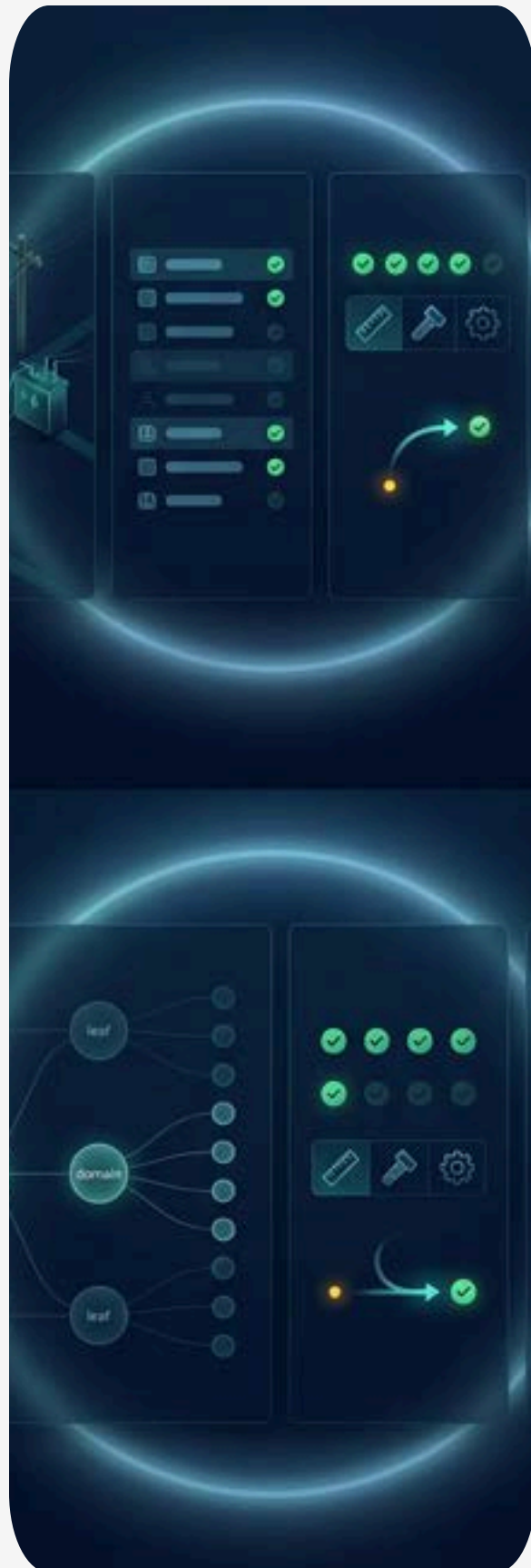


CLIENT TODAY (CHALLENGE)

Extremely multi-step digital workflows

- High-volume
- Rules-heavy work (Overhead, CU assignment, standards checks, Maximo handoff)
- ⇒ manual, inconsistent, hard to scale.
- Bottleneck prevents acquisition of additional clients





CLIENT + HALØ (SOLUTION)

Phase 1: Automate Overhead + CU assignment workflow

Phase 2: Enable no-code Workflow Builder for new DDS flows

Client workflow:

- Designer triggers HALØ
- Boss Agent loads Client graph
- Domain Agents: layout → CU → engineering → QA
- Leaf Agents drive DDS UI/APIs + Maximo
- Output: ready-to-build package

Tasks HALØ automates:

- Layout & route planning (GIS-aware)
- CU selection & allocation (standards-driven)
- Engineering checks & auto-fix proposals
- Docs + Maximo/WMS package

CLIENT KPI IMPACT

Measured impact: faster cycles, fewer errors, lower cost.

- **Design cycle** ↓ 70–90% (end-to-end routine jobs)
- **Design labor** ↓ 50–80% per job
- **Rework/errors** ↓ via policy-driven checks
- **Material cost** ↓ 5–10% (right-sizing)
- **Field visits/surveys** ↓ ~50% (mobile/offline capture)



ROLLOUT PLAN (9-12 WEEKS)

- **Confirm pilot scope (Overhead + CU) & KPI baseline**
- **Integration checkpoints (DDS, ArcGIS, Maximo/ERP)**
- **UAT with operators; policy tuning**
- **Go-live + enable Workflow Builder**



START YOUR HALØ PILOT

Pick 3–5 representative jobs

→ **run HALØ side-by-side with current process**

→ **lock targets**

→ **scale.**

→ **25% off for 1-year (Rollout, workflows & Service)**

25%



Poznań
CityLab

SIEMENS



Lenovo



UNIVERSITY OF
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THANK YOU

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