

ERP Case Studies (Odoo)

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Large-Scale Construction ERP

Problem: disconnected finance, project, and operational systems.

Solution: designed Odoo architecture and implemented cross-department workflows.

Impact: centralized reporting, improved cost control and auditability.

- End-to-end Odoo ERP architecture (Finance, Project, HR, WBS, Budget Control)
- Standardized master data and enterprise reporting
- Scalable rollout across business units

High-Performance Manufacturing ERP

Problem: 24-hour batch processing for high-volume serial number generation.

Impact: improved runtime to ~40 minutes and scaled to 40M+ records/day.

- Profiling + bottleneck analysis
- PostgreSQL optimization (indexes, execution plans)
- Refactored custom Odoo logic for throughput

National-Scale ERP Deployment

Highlights: multi-organization rollout with enterprise governance and reporting.

- Modules: Finance, Logistics, Warehouse, Sales, HR
- Integrations: mobile applications and external systems
- Standardized operations and reporting across organizations