



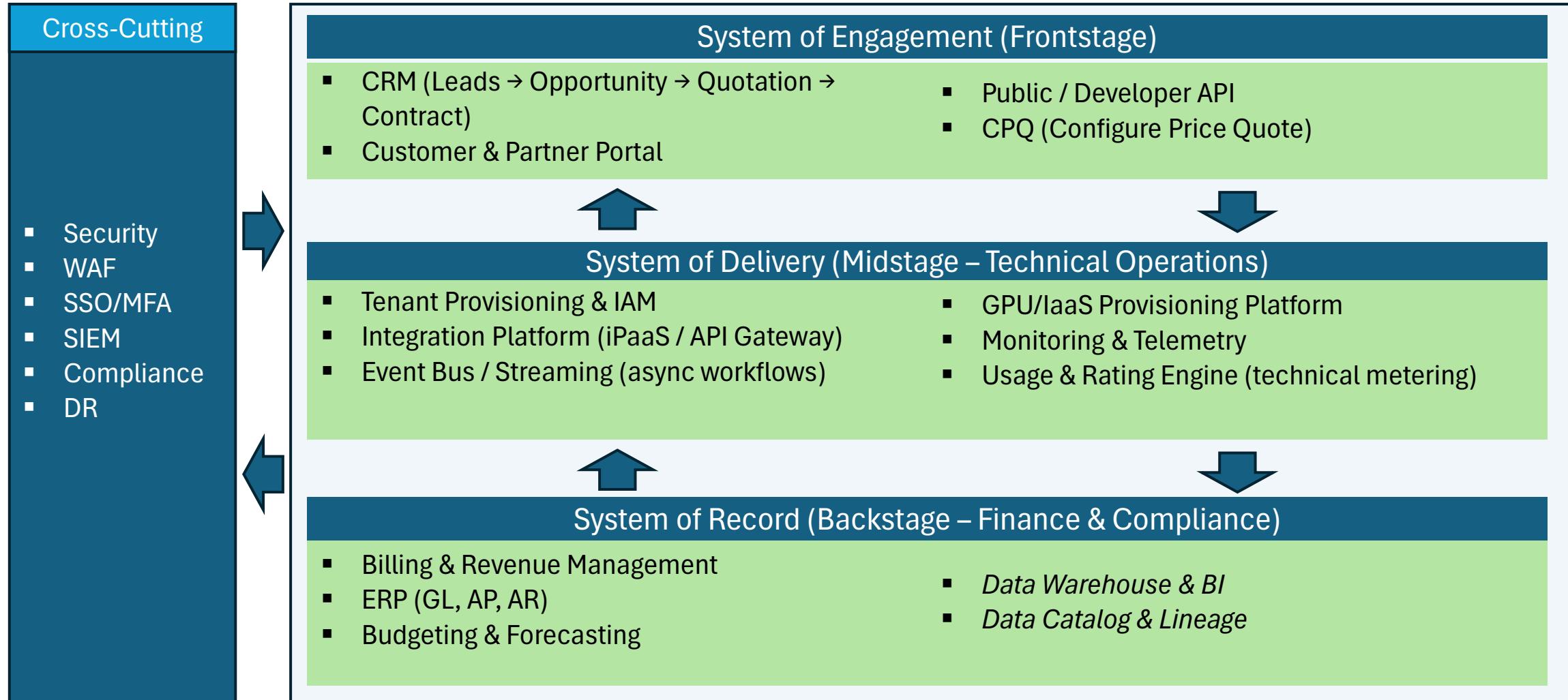
DTI Integrated System Architecture

– Bi-Weekly Report –
Dec 04, 2025

Future-State Architecture (Functionality Best Practice)

This future architecture is divided into three main layers.

1. At Frontstage, we have CRM, customer/partner portals, CPQ, and public APIs—all of which interact directly with customers.
2. At Midstage, this is the operational hub: provisioning & IAM, API Gateway/iPaaS, event bus for workflows, GPU/IaaS provisioning platforms, monitoring, and usage metering.
3. Meanwhile, Backstage serves as the foundation for finance & compliance, encompassing billing, ERP, budgeting, as well as a data warehouse and data catalog.



Domain Ownership Model (Best Practice)

To avoid overlap, need to separate the domains into three areas: CRM focuses on the customer and sales lifecycle, ERP manages all financial aspects, and the provisioning platform handles technical operations like resource provisioning and usage metering.

CRM Domain (Front-Office – Customer Lifecycle)	Provisioning Platform Domain (Technical Operations)	ERP Domain (Back-Office – Finance & Revenue)
<ul style="list-style-type: none">Customer Master (profile, account information)Leads → Opportunity → QuotationContract Header (non-financial attributes)Sales pipeline, tasks, activitiesCustomer portal (business-facing)	<ul style="list-style-type: none">Tenant managementResource provisioning (GPU, VM, storage, network)Access Control (IAM, roles, quota)Usage Metering & Rating (technical usage only)Monitoring, logging, alertingTechnical operations portal (Ops dashboard)	<ul style="list-style-type: none">Product & Pricing Master (commercial catalog)Invoice & Tax InvoiceAccounts Receivable (AR)Accounts Payable (AP)General Ledger (GL)Payment and ReceiptCorporate financial reportingRevenue recognition
<ul style="list-style-type: none">CRM only manages sales and customer relationships.It does not manage AR/AP/GL, invoices, or payments.	<ul style="list-style-type: none">Final pricing/billing remains in the ERP—not the provisioning platform.Provisioning only sends raw usage data.	<ul style="list-style-type: none">ERP handles all financial aspects, not CRM.



Proposal Status - Progress As For Dec 4, 2025

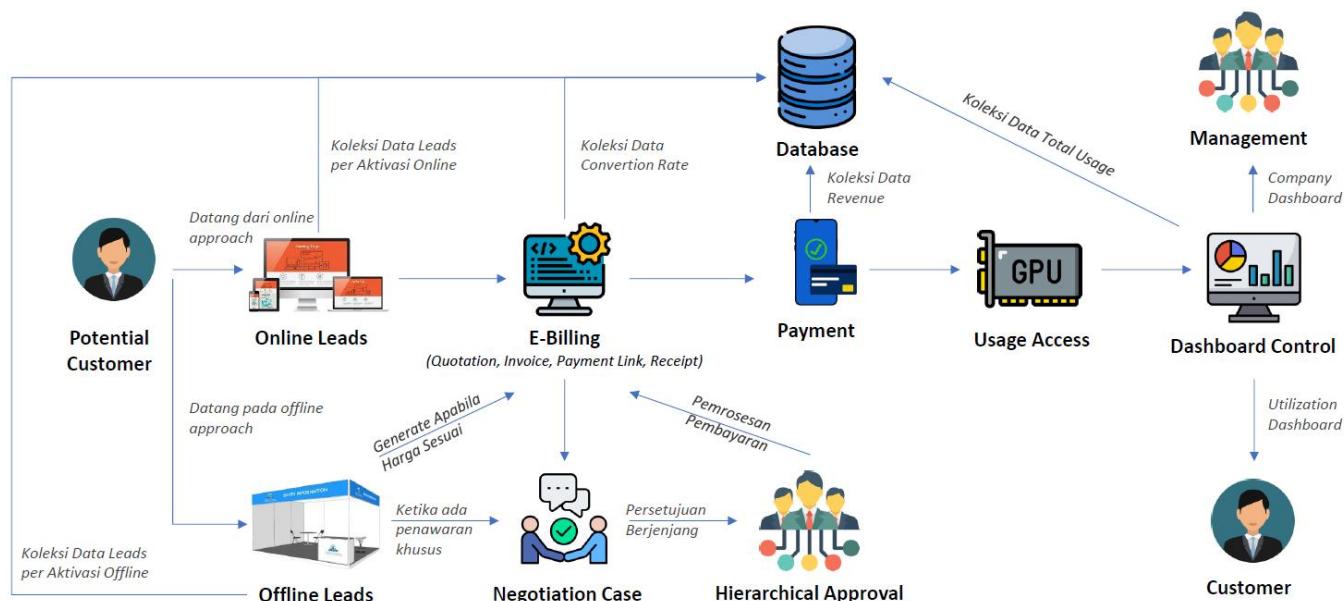
1. CRM Solution

Vendor → Curaweda

- Scope based on the proposal: CRM, Contract Mgmt, Quotation, E-billing, Payment, Finance modules.

Next Steps:

- At this time, no action has been taken on Curaweda's proposal, as we have been examining other ERP vendors that also offer similar features like CRM and Sales Pipeline. So, for now, the idea is to accommodate the three layers. (CRM, Provisioning, ERP) across two application vendors.



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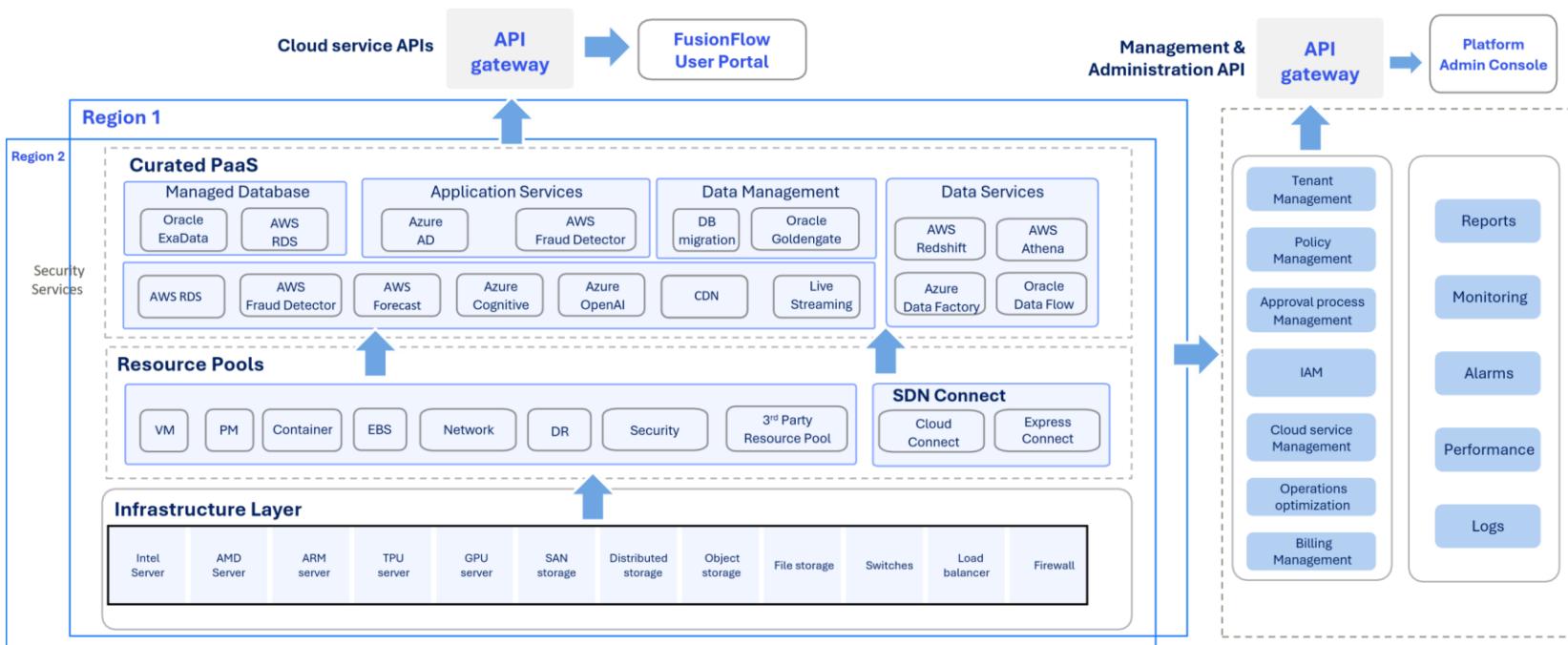
2. Provisioning & Orchestration Platform

Vendor → Arupa

- Scope based on the proposal: Multi-tenant GPU/IaaS provisioning, Managed Kubernetes, Technical billing (usage), Monitoring, User portal.

Next Action

- Asking the vendor to revised the scope: Existing scope and make sure the + Customer and Admin Portal
- Request the vendor to re-submitted the proposal based on latest discussion



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3. ERP Platform

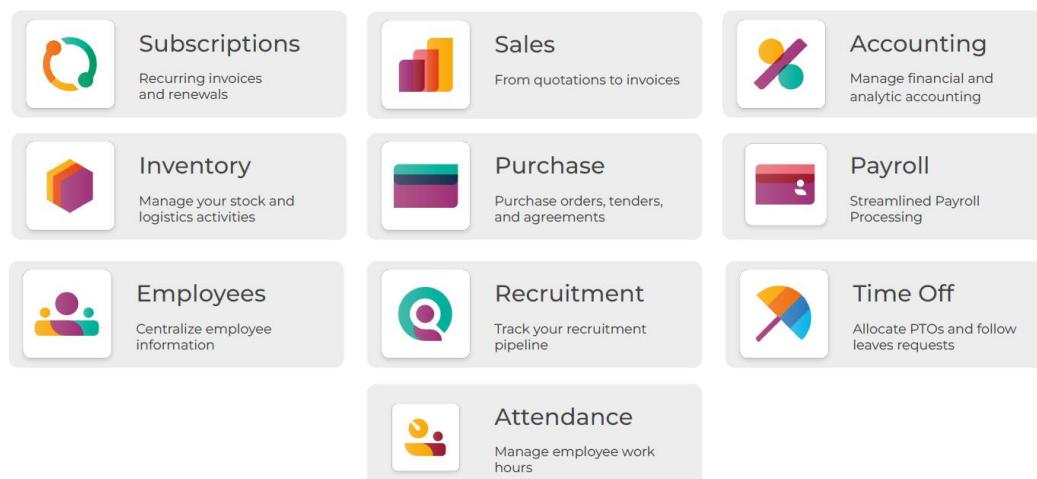
Vendor → Portcities

- Scope based on the proposal: Master (General setup), Sales & CRM, Marketing & ecommerce, Supply Chain, Finance, Human Resources

Next Action and Feedback:

- Technically no concern, just make sure the integration with other system will discuss later separate with the current proposal
- From business/user PIC, already confirm all feature already cover the business requirement
- Pricing already best price according to Portcities

Overview Odoo Apps



Potential Overlaps Identified (Vendor-Agnostic)

Once the domains were separated, we could see the areas of overlap more clearly. CRM manages the commercial side and the customer lifecycle, ERP handles all financial functions, while provisioning focuses on technical operations and metering. With this separation, we ensured that no vendor held a domain they didn't own, and that all systems could be seamlessly integrated through APIs."

Domain	CRM	ERP	Provisioning	Recommendation
Customer Portal	Yes (commercial portal, onboarding)	No	Yes (technical portal, resource monitoring)	Split: commercial portal (CRM) vs technical service portal (Provisioning)
Billing & Invoicing	No	Yes — <i>financial invoice, tax invoice, AR/AP, GL</i>	Yes — <i>technical usage metering only</i>	Use ERP as financial source of truth. Provisioning ONLY sends usage raw data.
Product Catalog	Yes — sales catalog (commercial view)	Yes — pricing, cost center, financial dimensions	Sometimes (technical SKU only)	Single master in ERP, CRM syncs commercial view.
Order Management	Yes — quotation → order creation	Yes — order fulfillment, billing schedule	Partial — receives “order activation” event to start provisioning	Order created in CRM, fulfilled in ERP, triggers provisioning via API.
Ticketing / Support	Sometimes (customer issues, sales support)	No	Sometimes (technical incidents)	Decide later or integrate with ITSM

💡 Key Rules

- ✓ ERP is always a Financial System of Record.
- ✓ Provisioning platforms should not issue official invoices.
- ✓ CRM focuses on sales, onboarding, and the customer lifecycle—not finance.

Project Timeline (2025–2026) – Initial Plan

Plan

Project Timeline (2025–2026) – Progress As For Dec 4, 2025

Plan

Progress

Phase	Description	Timeline (Nov 25 - Jul 26)											
		Nov 25	Dec 25	Jan 26	Feb 26	Mar 26	Apr 26	May 26	Jun 26	Jul 26			
		1 2 3 4	5	6 7 8 9 10 11 12 13 14 15	16 17 18 19 20 21 22	23 24 25 26 27 28 29	30 31 32 33 34 35 36						
Architecture & Vendor Finalization	Finalize CRM, ERP & Provisioning vendors; freeze domain ownership; integration blueprint	Red bar (Nov 25-26)	Green bar (Nov 27-Dec 1)	Red arrow (Nov 27-Dec 1)	Green arrow (Dec 2-Jan 1)	Green arrow (Jan 2-Feb 1)	Green arrow (Feb 2-Mar 1)	Green arrow (Mar 2-Apr 1)	Green arrow (Apr 2-May 1)	Green arrow (May 2-Jun 1)	Green arrow (Jun 2-Jul 1)	Green arrow (Jul 2)	
Platform Infrastructure Prep	HW, GPU racks, network redesign, security baseline	Green arrow (Dec 2-Jan 1)	Green arrow (Jan 2-Feb 1)	Green arrow (Feb 2-Mar 1)	Green arrow (Mar 2-Apr 1)	Green arrow (Apr 2-May 1)	Green arrow (May 2-Jun 1)	Green arrow (Jun 2-Jul 1)					
Provisioning Platform Deployment	Install, configure, IAM integration, monitoring, usage metering	Green arrow (Dec 2-Jan 1)	Green arrow (Jan 2-Feb 1)	Green arrow (Feb 2-Mar 1)	Green arrow (Mar 2-Apr 1)	Green arrow (Apr 2-May 1)	Green arrow (May 2-Jun 1)	Green arrow (Jun 2-Jul 1)					
CRM Implementation	Lead → Opportunity → Quote → Contract → Order	Green arrow (Dec 2-Jan 1)	Green arrow (Jan 2-Feb 1)	Green arrow (Feb 2-Mar 1)	Green arrow (Mar 2-Apr 1)	Green arrow (Apr 2-May 1)	Green arrow (May 2-Jun 1)	Green arrow (Jun 2-Jul 1)					
ERP Implementation	Product Catalog → Billing (subscription & usage) → AR/AP → GL	Green arrow (Dec 2-Jan 1)	Green arrow (Jan 2-Feb 1)	Green arrow (Feb 2-Mar 1)	Green arrow (Mar 2-Apr 1)	Green arrow (Apr 2-May 1)	Green arrow (May 2-Jun 1)	Green arrow (Jun 2-Jul 1)					
Integration Development (API/iPaaS)	CRM ↔ Provisioning; SSO; O2C integration ↔ ERP	Green arrow (Dec 2-Jan 1)	Green arrow (Jan 2-Feb 1)	Green arrow (Feb 2-Mar 1)	Green arrow (Mar 2-Apr 1)	Green arrow (Apr 2-May 1)	Green arrow (May 2-Jun 1)	Green arrow (Jun 2-Jul 1)					
UAT, Parallel Run, Stabilization	End-to-end Order-to-Cash test	Green arrow (Dec 2-Jan 1)	Green arrow (Jan 2-Feb 1)	Green arrow (Feb 2-Mar 1)	Green arrow (Mar 2-Apr 1)	Green arrow (Apr 2-May 1)	Green arrow (May 2-Jun 1)	Green arrow (Jun 2-Jul 1)					
Go-Live: GPU/IaaS Commercial Launch	Production launch	Green arrow (Dec 2-Jan 1)	Green arrow (Jan 2-Feb 1)	Green arrow (Feb 2-Mar 1)	Green arrow (Mar 2-Apr 1)	Green arrow (Apr 2-May 1)	Green arrow (May 2-Jun 1)	Green arrow (Jun 2-Jul 1)					

Now

Ready for Production Services (Mar 26)

Since the progress of the status is **behind schedule**. We need to recovery plan.

Next Action

Items	PIC	Due Date
Develop the overall system architecture and describe the position and function of each application.	Sony	Dec 10, 2025
Finalize cost calculations and specifications based on information from submitted vendors. Compile insights and analyze feedback received.	Sony	Dec 11, 2025
Project Schedule – Recovery Plan [Updated]	Sony	Dec 11, 2025



THANKS