INVESTOR PRESENTATION

Q2 & H1'FY26



QUICK GLANCE

- **01** Key Developments (H1'FY26)
- 02 Organization Overview
- Growth & Strategy
- 04 Technology Roadmap
- **Performance in Numbers**



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Key Developments Q2 & H1'FY26





Business Highlights

Best Odoo (ERP) Partner India 2025 Recognized for excellence in innovation, client success, and impact.

Key Update

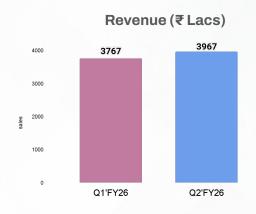
The Board has declared a **second interim** dividend of ₹5 per share for FY 2025–26, reaffirming our commitment to shareholder value. With this, the cumulative dividend for FY26 stands at ₹6 per share.

Financial Highlights

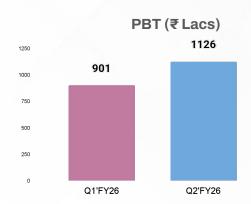
- Consolidated Revenue from Operations grew 13.9% YoY to ₹39.67 crore (vs. ₹34.82 crore in Q2 FY25).
- Sequential Improvement: Revenue up 5.3% QoQ, & PAT up 30.9% QoQ.
- Operating Profit Margin: 30.4%
- Profit After Tax (PAT) Margin: 21.2%
- Earnings Per Share (EPS): increased to ₹3.55 from ₹2.71 in the previous quarter.



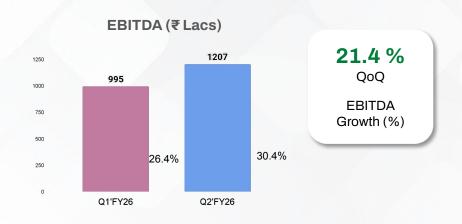
Q2'FY26 Quarterly Performance Insights



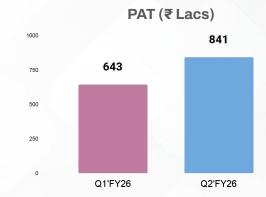








Growth & Strategy



Overview

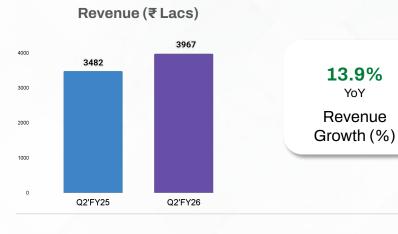
30.9%QoQ
PAT
Growth (%)

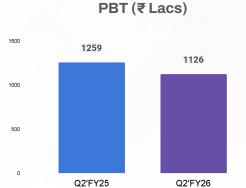
Technology Roadmap Financial Performance



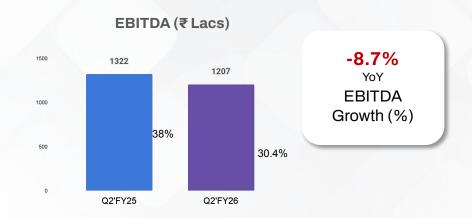
Sequential Growth in Revenue and Profitability ""

Q2'FY26 Year on Year Performance at a Glance

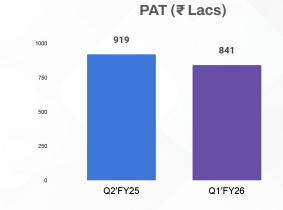








Growth & Strategy



Overview



Technology Roadmap | Financial Performance

Overview

Growth & Strategy



Growing Engagements with Current Clients

Revenue (%)	FY25	H1'FY26
Top 5 Customers	40%	42%
Top 10 Customers	53%	57%
Total Revenue (Rs.)	137.43 Cr.	77.34Cr.



Engagements with Marquee Clients (based on its revenue)

> \$1 Billion

11

Clients

\$200 Million - \$1Bn

Clients

Assisting Fortune 500 Company and Top 100 **Global Banking Brand**



(₹ Cr.)

Increase in focus on IT products as Business Vertical

Q2 FY 2025 - 26

H1FY 2025 - 26

Particulars	IT Services	IT Products	Consolidated	IT Services	IT Products	Consolidated
Business Vertical Turnover	38.64	1.03	39.67	75.48	1.86	77.34
Business Vertical Contribution	14.18	-1.16	13.02	27.24	-3.69	23.55
Contribution Margin%	37%	-113%		36%	-199%	
Unallocable Expenses			-0.94			-1.53
Finance Costs			-0.16			-0.42
Depreciation & Amortisation			-0.79			-1.56
Other Income			0.14			0.23
Profit Before Tax (PBT)			11.26			20.28
Tax Expenses			-2.86			-5.44
Profit for the Quarter			8.41			14.83





Best ERP Implementation Partner (Odoo) India 2025!

recognition of our expertise in Odoo ERP







Our presence at the event was displayed at every billboard at Brussels Airport, Belgium during the **Odoo Experience** 2025.



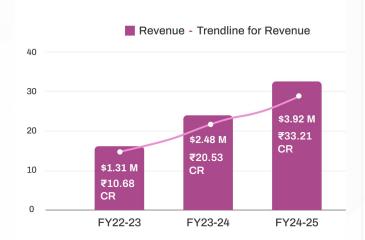






Growth in Action: Evolving Our Business Units

Odoo Revenue - Increased in last few years



Odoo Practice Strengths

120+

Developers, Specialists, Architects, Trailblazers

30 +

Functional Consultants/ Analysts 150 +

Odoo **Implementations** 25+

Industries Served

35 +

Ongoing Support & Maintenance

50 +

Client **Testimonials**

App on Odoo Store for 4 **Consecutive Years**

Industries Served



Telecom



Textile Production and Manufacturing



Printing and Packaging Manufacturing



Food Processing and Beverage Manufacturing



High-end Luxury Furniture Manufacturing



Retail Sector Management and Operations



SaaS-Based Education Solutions



Metal Manufacturin gand **Fabrication**



Healthcare Services and Management



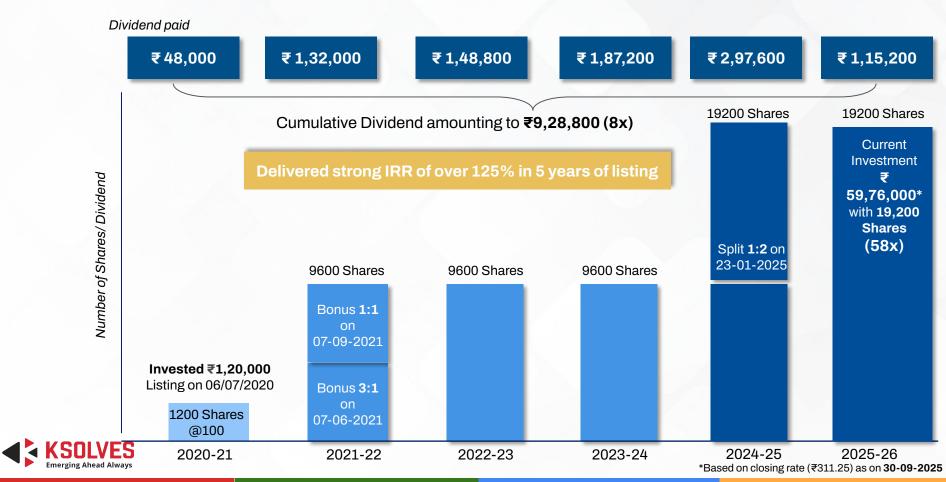
Field Service Management and Operations



Vendor Marketplace **Platforms**







The Three Pillars of Our Growth Strategy

Growth with Customers

Partnering with SMEs for mutual and concurrent growth

Starting small with large enterprises, scaling through proven value

Executing high-impact projects after steady pursuit (via RFPs and detailed deliberation)

Pillars of Growth



Highlights of Our Major Wins

Partnered with a **leading private-sector bank in South** America to implement and optimize Salesforce solutions for their operations. This achievement follows a series of onsite requirement-gathering sessions conducted over the past few quarters.

Started partnering with a fast-growing US-based **cybersecurity startup** to accelerate its development initiatives. Through our expertise in **DevOps and Big** Data, we are streamlining workflows, enhancing efficiency, and enabling the client to scale operations seamlessly.

Initiated a strategic collaboration in the **Big Data domain** with a US-based telecommunications leader. delivering solutions that enable and empower Communication Service Providers.



We began collaborating with non-profit organizations and NGOs in Australia, providing Salesforce development and consulting support to streamline their operations and amplify their impact.



Our Successful Participation at **Key Industry Events**

Events in Q2

Enhanced brand visibility, networking, and pipeline creation through strategic event participation



September 24-25, 2025



Olympia, London

Highlighted **DFM** and Excellence in **Open-Source Big Data Technologies**



September 11-14, 2025



Minneapolis, Minnesota

Showcased **DFM** and Expertise in the **Apache Ecosystem**



September 18-20, 2025



Brussels Expo, Belgium

Demonstrated Excellence in Odoo and Other Tech with 70+ Products



August 13-14, 2025



Gandhinagar, India

Presented Odoo Expertise and 70+ In-House Products



Journey to a Matured Business Model



Maturing Into a **Full-Fledged Business** Model

Moving toward turnkey projects and high-value service delivery



Adapting to project complexity and scope expansion



Product-Centric Growth Strategy

Significant revenue potential identified in product lines

If momentum continues, products will drive a major share of growth



Establish a dedicated profit center for products



Bigger Deals - Longer Clocks

Large projects in plate extending conversion timelines to months/quarters



Reflects scale-up and engagement depth



Longer Contracts, **Expanded Vision**

Bigger deals mean longer contracts—

Reflecting YoY growth over QoQ metrics



Emphasis on sustainable, long-term client relationships



Navigating Through Transition Fluctuations

Short-term variability expected as part of maturity journey



Strategic alignment is focused on scalable and repeatable value



Overview of the Organisation





Overview Growth & Strategy Technology Roadmap | Financial Performance

Operating from 5 Office Locations



Years of Service

553

Employees

175+

Happy Clients

85%

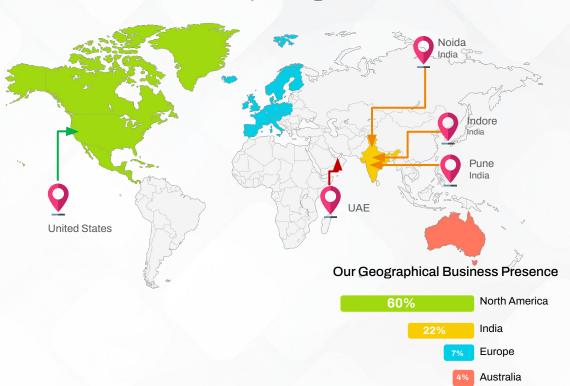
Revenue by Repeat Customers

57%

Top 10 Clients Contribution

30+

Countries Served





(Rest of World)

Overview Growth & Strategy

Technology Roadmap | Financial Performance

Technology Partners



Adobe Bronze Solution Partner









Redhat Business Partner

AWS Partner

Odoo Gold Partner

Salesforce Summit Partner

Consistent Revenue Growth with Superior Return Ratios

	H1'FY26 (₹)	FY'25 (₹)
Revenue from Operations	77.34 cr. +16.5% YoY	137.43 Cr. +26.5% YoY
EBITDA Margin	28.5%	34.8%

CAGR 5 Yrs. (FY20 to FY25)

68% Revenue

119% Net Profit

Healthy Return Ratios (FY25)

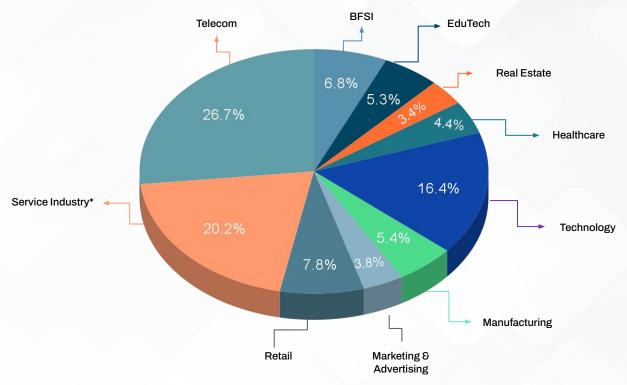
205% ROCE

154% ROE



Demonstrated reach across various sectors

(H1'FY26)





Growth & Strategy Overview

Technology Roadmap | Financial Performance



Humble **Beginnings**

- Founded by Ratan Srivastava as Kartik Solutions.
- Evolved as Ksolves India Pvt. Ltd. with a focus on growth and innovation.
- Joined Nasscom & achieved ISO certification for quality excellence.

Growth and **Expansion**

- · Achieved a solid upward revenue trajectory.
- Expanded to a family of 250+ achievers.
- Opened a new office in Noida and crossed 50+ clients
- · Launched Odoo Products, topping the Odoo App Store with Dashboard Ninja.
- · Opened new office in Indore

Listing, Partnerships and Recognition

- · Listed on NSE & migrated to the mainboard of NSE and BSE.
- · Upgraded to Salesforce Ridge Partner and Odoo Gold Partner.
- Achieved CMMI Level 3 certification.
- · Became a registered RedHat **ISV Partner**, expanding our technological reach and capabilities.
- · Opened new office in Pune

Excellence and Global Reach

- Became Salesforce Crest (Gold) and Summit (Platinum) Partner.
- Surpassed Rs 100 cr revenue and grew to 520+ achievers.
- **Expanded** operations in Noida.
- Incorporated a 100% subsidiary in the UAE, marking our global expansion

Driving Growth with Innovation

- · Scaling in evolving tech & accelerating business growth with GenAl
- · High expectations from our new product, Data Flow Manager (DFM) — the first-ever one-click. UI-based NiFi deployment tool for simplifying data pipeline management.



...guided by visionary leadership...

Ratan Srivastava

Chairman & Managing Director

Ratan Srivastava holds a degree in Bachelor of Technology in Computer Science & Engineering. He serves as a cornerstone of our company's core management, where he spearheads major policy decisions. With 20+ years of extensive experience in the industry, Ratan is the driving force behind formulating business strategies and their effective implementation. His responsibilities encompass overseeing the expansion and overall management of our business operations. His leadership qualities have been instrumental in leading the core team of our company.





..each with **Deep Expertise** in their fields..



Deepali Verma Whole-time Director & Promoter



Manish Gurnani Chief Technology Officer (CTO)



Nishant Agarwal Vice President of Engineering



Umang Soni Chief Financial Officer (CFO)



Aseem Kumar Director of Program and Operations



Jerry Huang Vice President, Salesforce Services





Vineet Krishna **Independent Director**



Sushma Samarth **Independent Director**



Varun Sharma **Independent Director**



Varsha Choudhry **Independent Director**



Our select Awards & Accreditations...





Best ERP Implementation Partner (Odoo) India 2025



Nasscom Impact Award for "Growth Leadership in Tech Products & Platform -B2B"



"2024 Deloitte India Technology Fast 50" organization



Dun & Bradstreet India's leading SMEs **2024** & **Business Enterprises** of Tomorrow 2023



NASSCOM Excellence in Al Services Award 2024



Indian MSME of the Year 2023 Award by Economic Times.



Great Companies - SME Business Award 2022 under the 'Business Services and Consulting Category'

























Growth & Strategy





Built on 13 Years of Innovation and Trust





Driving Digital

Powering Intelligence through ΑI

Strategic Alliances for Global Growth

Financial Profitability for Long-term Success

Empowering Our K-Team

Pioneering next-gen tech to drive client success through innovative solutions and experienced digital transformation frameworks

Harnessing artificial intelligence (including GenAI) and machine learning to deliver smarter, scalable, and data-driven solutions

Building strategic collaborations with industry leaders to strengthen service offerings and global reach

Focused on long-term growth with a sustainable financial model ensuring profitability and value creation for shareholders

Empowering and enhancing a diverse and skilled workforce. committed to innovation, excellence, and customer satisfaction.



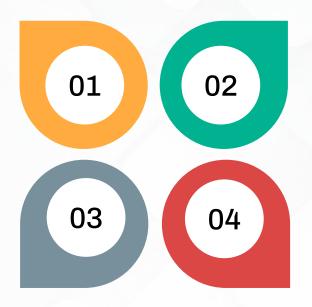
...that continuously fuels our Growth Drivers...

Increased Utilization

Increased utilization percentage and better recoveries for legacy contract helped in improving the operating profit margin.

Smart Investments

Large investments in building top class teams including lateral hiring in key focus areas of IT services and Onshore presence of Sales and Client Management Teams will continue.



Tech Partnerships

Continued focus on building on the technology partnership program as quality assurance frameworks. Such partnerships add to the Company's credentials in front of existing and prospective clients.

Client Relationships

Clients appreciate the company's accountability culture and treats Ksolves as their development partner instead of just being a vendor, and that also gets reflected in relatively high CSAT across engagements.



Delivering Value to Clients and Ongoing Projects

In addition to our services, Integrated AI into existing products to further enhance operational efficiency and drive innovation

01 DFM

> AI to automate Apache NiFi flow deployment and management

Dashboard Ninia with Al

> Transforms data visualization with real-time AI analytics and personalized dashboards

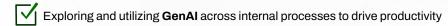
LMN 03

> Al for lead scoring. predictive analytics, and workflow automation, boosting lead conversion rates

Mind AI 04

> Revolutionizes enterprise knowledge retrieval with AI-driven multimodal RAG search across text. image, and video

Enhancing Operational Efficiencies



Mind Al Ninja (MAN): Our proprietary tool designed to optimize workflows and reduce effort, improving overall operational efficiency

Focused on automating repetitive tasks and reducing human intervention, ensuring faster project delivery and quality outcomes





Technology Roadmap





Our Services



AI/ML Generative AI



Big Data



Salesforce



DevOps MLOps LLMOps



Data Analytics



Odoo (ERP)



Digital Transformation

Our Products



Salesforce Products



Odoo Products



Data Flow Manager



Mind Al Ninja



Data Streaming











AI, Data Engineering









Power BI

Data Lake

















Mastering Complexity: Our Project Highlights

How We Solve the Toughest Project Challenges



Big Data, ERP, & Al **Transformation**

Industry: Forbes 500 Telecom Multinational

Complexity: We successfully integrated complex big data solutions with Odoo ERP for the client, and later expanded the engagement to include AI-based innovations. The solution we delivered is now patented by the client and has earned us formal recognition for its impact and value.

Product Evolution to GenAl

Industry: Market Research & Data Intelligence

Complexity: We began by building the client's core product platform, earning their trust through consistent delivery. This trusted partnership has now evolved into ongoing discussions for high-value Generative AI integrations to enhance their offerings.



Enterprise Data Platform Modernization

Industry: American Investment Management Division

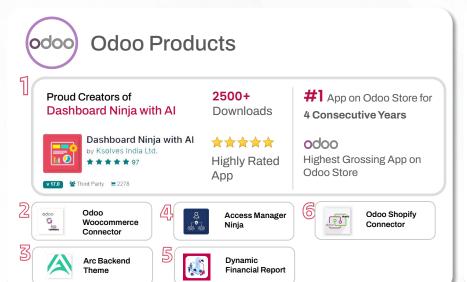
Complexity: We helped the client migrate from a restrictive enterprise data solution to a flexible, scalable open-source platform. This has unlocked new growth opportunities, and we continue to enhance and scale the solution to meet their evolving business needs.

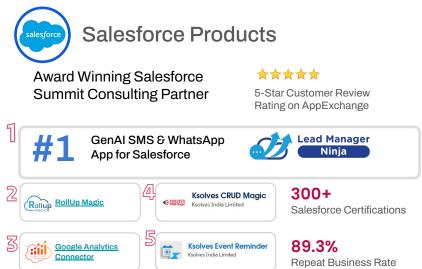


Overview

Growth & Strategy

Technology Roadmap | Financial Performance







Data Flow Manager

Big Data

Manages and optimizes Nifi data pipelines for seamless flow



Mind Al Ninja

GenAl

Innovative platform for intelligent automation and decision-making







NiFi High Availability



Big Data

NiFi & Spark Optimizations in Telecom



Big Data

NiFi in FinTech



Salesforce

Renewable Energy Sector



Salesforce

Power Sector



Machine Learning

Predictive Maintenance for **Energy Efficiency**



Performance In Numbers





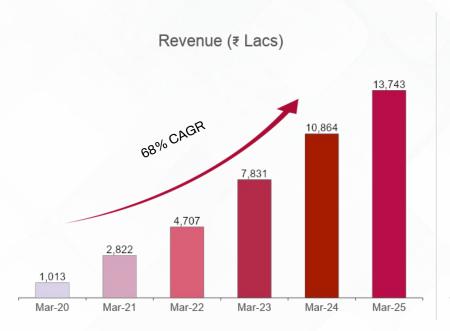
Quarterly Financial Performance (consolidated)

Particulars (INR Lakhs)	Q2FY26	Q1FY26	Q2FY25	YoY%	QoQ%	H1 FY26	H1 FY25	YoY%
Revenue from Operations	3,967	3,767	3,482	13.9%	5.3%	7,734	6,639	16.5%
Total Expenditure	2,760	2,772	2,160	27.8%	-0.4%	5,531	4,116	34.4%
EBITDA	1,207	995	1,322	-8.7%	21.4%	2,202	2,523	-12.7%
EBITDA Margin (%)	30.4%	26.4%	38.0%			28.5%	38.0%	*
Other Income	14	10	11	28.1%	41.4%	23	20	14.5%
Depreciation	79	77	65	22.2%	2.1%	156	95	65.1%
Profit Before Interest & Tax	1142	927	1268	-9.9%	23.2%	2,069	2,449	-15.5%
Interest	16	26	9	68.2%	-39.8%	42	9	(2)
Profit Before Tax	1,126	901	1,259	-10.5%	25.0%	2,028	2,440	-16.9%
Tax	286	259	340	-15.9%	10.5%	544	626	-13.0%
Profit After Tax	841	643	919	-8.5%	30.9%	1,483	1,814	-18.2%
PAT Margin (%)	21.2%	17.1%	26.4%			19.2%	27.3%	0
Other Comprehensive Income	4	-3	-4	-199.9%	-222.1%	1	-20	-103.4%
Total Comprehensive Income	845	639	915	-7.7%	32.1%	1484	1795	-17.3%
Earnings Per Share (Rs)	3.55	2.71	3.88	-8.5%	30.9%	6.26	7.65	-18.2%



Overview Growth & Strategy Technology Roadmap | Financial Performance

Consistent and Profitable Growth Trajectory



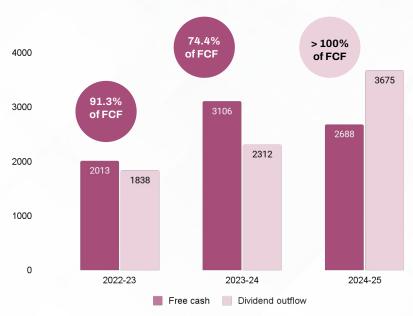


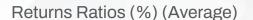
More than 10x growth in Revenue & 50x growth in Profit after Tax in 5 years.



Maximizing Cash Flows with Prudent Investment Strategies

Free Cash and Dividend Distributed (₹ Lacs)









Overview Growth & Strategy

Particulars (INR Lacs)	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25
Revenue from Operations	1,013	2,822	4,707	7,831	10,864	13,743
Total Expenditure	894	1,602	2,693	4,545	6,224	8,957
EBITDA	120	1,220	2,014	3,286	4,639	4,786
EBITDA Margin (%)	11.8%	43.2%	42.8%	42.0%	42.7%	34.8%
Other Income	0.4	21	127	63	34	45
Depreciation	29	43	49	55	87	222
Profit Before Interest & Tax	91	1,197	2,092	3,294	4,587	4,609
Interest	0.4	1	0.3	0	0	28
Profit Before Tax	91	1,196	2,091	3,294	4,587	4,581
Tax	23	302	502	822	1,171	1,149
Profit After Tax	68	894	1,589	2,472	3,415	3,432
PAT Margin (%)	6.7%	31.7%	33.8%	31.6%	31.4%	25.0%
EPS	0.29	3.77	6.70	10.43	14.40	14.47



Particulars (INR Lakhs)	FY25	FY24
Equity and Liabilities		
Equity		
(a) Equity Share Capital	1,185.6	1,185.6
(b) Other Equity	889.8	1,197.6
Total Non-Current Liabilities	2,075.4	2,383.2
Liabilities		
Non-current Liabilities	-	-
Financial Liabilities	-	-
Provisions	806.6	205.2
Total Non-Current Liabilities	806.6	205.2
Current Liabilities		
Financial Liabilities		
- Borrowings	900.0	-
- Trade payables	38.2	25.1
- Other Financial Liabilities	128.5	16.9
Provisions	1,214.9	1,183.7
Current Tax Liabilities	474.8	141.5
Total Current Liabilities	2,756.4	1,367.2
Total Equity and Liabilities	5638.4	3,955.6

Particulars (INR Lakhs)	FY25	FY24
Assets		
Non-Current Assets		
(a) Property, plant and equipment	235.4	236.0
((b) Right of Use of Assets	502.4	
(c) Intangible Assets	6.0	6.0
(d) Financial Assets		
- Investments		-
- Other Financial Assets	129.5	49.0
(e) Deferred Tax Assets (Net)	96.6	54.0
(f) Other Non Current Assets	-	-
Total Non-Current Assets	969.9	345.1
Current Assets		
(a) Inventories	-	-
(b) Financial Assets		
- Trade receivables	2110.8	1605.4
- Cash and cash equivalents	1042.7	731.3
- Bank Balance & other Cash equivalents	5.7	60.6
- Other financial assets	10.2	4.8
(c) Other current assets	1499.2	1208.5
Total Current Assets	4,668.5	3610.6
Total Assets	5,638.4	3,955.6



Annexures





Ksolves' Gen Al Content Mind Al Ninja

Key Features/ Benefits

WHAT

- Private and Customized AI GPT Search for all Enterprise Employees
- · Benefits all Org. in any Industry.

WHY

- Removes Info. Overload and Silos. for Teams.
- · Easy human-like response.
- Helps make Quicker and Smarter Decisions.

HOW

- Supports Fast and Seamless Data Ingestion.
- Combines State-Of-The-Art Al Techniques and Models.
- · Unique Algos to reduce cost and improve Accuracy

Source: https://www.grandviewresearch.com/industry-analysis/generative-ai-market-report

KMS / GenAl Market Opportunity

- · Part of GenAl market growing at CAGR of 39.6% - \$16 B in '24 to \$109 B by '30.
- Untapped Potential in SMBs. Gov. and Enterprises. Healthcare, eCommerce- underserved by existing Al Orgs.

Customization and Personalization

- Hyper-Customized and Personalized Responses.
- Integrates with popular Clouds and Systems and supports Multi-Format and Multi-Source Support (PDF, Doc. XML. HTML, etc).

Security, Administration and Scalability Security and Privacy of Proprietary Data.

User Experience and Collaboration

Integrated User Feedback. Enhanced Collaboration.

Efficient Caching.

- Enhanced Administration Features.
- Data and Cost Control and Optimization.
- Scalability and Flexibility.

Additional Features

- Conversation Flow Identification.
- Multi-Department SaaS Support.
- Reduced Dependency on External Vendors.

What's New

- New Features and integrations
- Tailored for specific domains





Key Features/ Benefits

WHAT

 Ksolves Data Flow Manager (KDFM) offers a user-friendly web interface for Managing NiFi

WHY

· Simplifies flow promotion, eliminates scripting, reduces errors through automation, and centralizes cluster information.

HOW

· Add clusters via NiFi URL and certificates, import nodes and namespaces, display and promote namespaces, and manage user

Flow Management

- Intuitive UI for promoting NiFi flows.
- Reduces errors through automated processes.
- Supports deployment at the sub-process group level.

User Experience and Collaboration

- Easy-to-use web-based interface.
- Provides overview of cluster.
- Integrated user feedback and collaboration.

Security and Compliance

- Create users and grant access to clusters or specific namespaces.
- Ensures secure access.
- Manages sensitive parameters securely.

Administration and Scalability

- Supports monitoring, node management, and cluster creation.
- Reduced supervision with automation and ready-to-use flow catalogs.
- Compatible with container and non-container setups.





Ksolves' Salesforce Product Rollup Magic

Key Features/ Benefits

WHAT

• Create custom rollup summaries for any Salesforce data, including lookup relationships

Seamless GA4 Integration

Integrate smoothly with GA4 for advanced analytics.

User Experience Improvement

· Identify and fix customer journey pain points.

WHY

• Admins create roll-ups without Apex. Supports sum, count, average, min, and max. Real-time updates keep data current. Automates roll-ups, reducing manual effort. Users can create custom filters.

Real-Time Data Collection

Instant insights for quick decision-making.

Enhanced Customer Insights

Detailed behavior data for marketing decisions.

HOW

· Select parent and child objects, set criteria, choose aggregation type, specify fields, define updates, and activate to start data aggregation.

Sales Performance Tracking

Monitor metrics to boost conversions and revenue

Customizable Integration

Tailor GAC to fit your unique business needs.





Ksolves' Salesforce Product Google Analytics Connector

Key Features/ Benefits

WHAT

· GAC integrates with GA4 for SFCC. providing deep customer behavior

Ouick Setup

· Easy configuration with a user-friendly interface

Single Screen Rollup Setup

• Enable to set up your roll-ups on a single screen.

WHY

• Captures e-commerce events, analyzes behavior, and monitors site performance

Create Up to Five Rollups Free

· Access to five roll-ups in our free version.

Free Developer Support

• Includes 20 hours of support with a paid subscription.

HOW

 Our solution tracks customer interactions in GA4, offering insights for better decisions, optimized marketing, and improved conversions. Enhances navigation, checkout, and provides real-time data for agile strategies.

User-Friendly Interface

Intuitive design for effortless navigation.

Advanced Error Handling

· Ensure smooth error handling with instant notifications.





Big Data

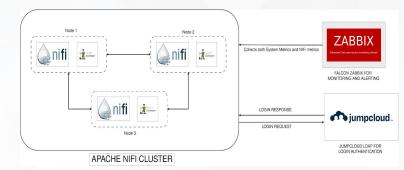
Challenges

Solution

- Customer running standalone NiFi instances to handle their data pipelines and they wants it to be high available and secure and fast processing
- Customer has also no access control RBAC policies configured so they want to integrate with exiting LDAP (Jampcloud) and in force RBAC policies and access control
- They also want NiFi specific matrixes integrated with their monitoring tools Zabbix, that was not previously
- Need a certificate based authenticated user to handle LDAP lockout scenario
- Upgraded their single NiFi instances to NiFi secure 3 node NiFi cluster and also helped to setup DR NiFi cluster
- Integrated Cluster with existing LDAP (Jumpcloud)
- Integrated NiFi specific matrix in Zabbix

Case Study 1: NiFi High Availability

- Done load and failover testing to make sure it is meeting their current SLA and Disaster recover requirements
- Added and tested a certificate based authenticated user with LDAP lockout scenario



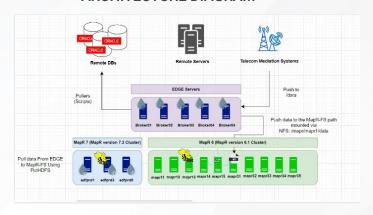


Challenges

Case Study 2: NiFi & Spark Optimizations in Telecom

Big Data

- Customer is looking to migrate from MapR6 to MapR7 that includes also NiFi flow migrations.
- Optimize existing NiFi based file transfer flow from MapR7 NiFi edge server to MapR7 MapR-FS.
- Sync data from MapR6 to MapR7 using NiFi to support legacy system.
- Sync historical data from MapR6 to MapR7 using NiFi.
- Migrated Drill script to Spark and Optimize existing Spark script for better performance and SLA
- Migrated and reconfigured NiFi flow from MapR6 to MapR7
- Optimized NiFi existing flows
- Created NiFi flows to migrate data from MapR6 to MapR7 and vice-versa
- Migrated Drill script to Spark and Optimized existing spark scripts
- Extended MapR7 cluster 3 node cluster to 10 node Cluster





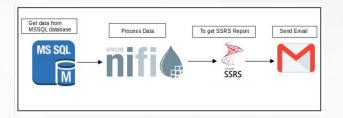
Big Data

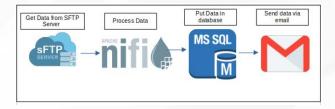
Case Study 3: NiFi in FinTech

Challenges

Solution

- Customer wants to migrated SSIS and open source tech for data transfer pipelines
- Integrate open source ETL with SSRS server and send the reports in email
- Pull data from SFTP server do transformation and store in MSSQL and send notification for success and failed files
- Integrate Azure bus service with ETL tool to pull and push data
- Monitor audit logs table and do data transfer as logs changes
- Created Open Source NiFi cluster and replace SSIS data pipeline with NiFi data pipeline to save cost.
- Integrated NiFi with SSRS server and email service and created and tested required pipeline to generate and send SSRS report in email
- Integrated NiFi with SFTP server, MSSQL and email service and created required data pipeline
- Integrated Azure bus service with NiFi and created required data pipeline







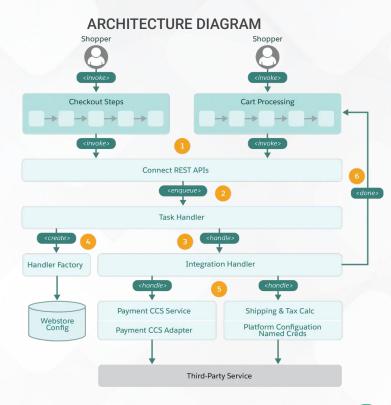


Overview

A prominent player in the renewable energy sector, particularly in wind and solar power generation, faced challenges stemming from outdated systems and processes..

Case Study 4: Renewable Energy Sector

- The presence of multiple siloed legacy systems hindered the sales and service teams from obtaining a holistic view of the customer, leading to disjointed and ineffective interactions.
- the existing front-end sales and service applications were insufficient, adversely affecting the overall customer experience.
- Implementation of B2B Commerce Portal made online part ordering is faster & easier.
- Integration with RACES & mirakl to provide real-time product pricing and availability on the cart.
- Integration with the client's transportation management provide real-time delivery tracking.
- Implementation of Punchout which eliminates the need for manual data entry by allowing users to make purchases directly from the supplier's catalog.





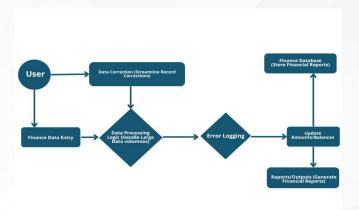


Challenges

Case Study 5: Power Sector

Salesforce

- Kalpa Power, a provider of turnkey solar solutions, is facing several issues with its systems, leading to inefficiencies and data inconsistencies: The finance system struggles to handle large amounts of data, leading to incorrect pricing and balance updates, which require manual corrections.
- Inefficient Data Correction Process: Modifying amounts forces the cancellation and recreation of entire records, further complicating data management and increasing workload.
- Technical Challenges: The company requires a solution that enhances data handling in the finance module, improves code quality through better test coverage and error logging, and optimizes query performance to prevent governor limit issues.
- Implemented scalable logic to handle large volumes of data in the finance tables, along with a robust mechanism for data correction, ensuring system efficiency and accuracy.
- Added an error logging object to track and manage errors, making them accessible for reporting and debugging, improving overall system reliability.
- Refactored lengthy code into modular, reusable functions using OOP principles, enhancing maintainability and simplifying future development.







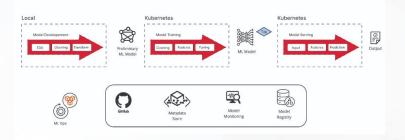
Overview

Case Study 6: Predictive Model for Energy Efficiency

Machine Learning

Challenges

- · Compressor on-time in refrigerators plays a crucial role in Energy **Optimization**. By accurately predicting and managing compressor activity using temperature data, operational costs can be minimized.
- Traditional maintenance practices wait for a failure to occur before taking action, which can lead to higher repair costs. By predicting short cycling using ML, we can perform maintenance proactively, reducing downtime and costs.
- Our goal was to predict compressor on-time in a 24-hour window using temperature data, as compressor efficiency significantly impacts energy optimization, cost savings, and environmental sustainability.
- · Temperature data collected alongside amperage was correlated with on-time values, creating a labeled dataset for supervised learning.
- Unsupervised learning models were trained separately for three refrigerator types, predict short-cycling with high accuracy. This methodical approach ensures efficient energy management and cost savings.
- Our approach achieved high accuracy in detecting short cycles, reducing false positives and negatives, and was deployed via Flask API, transforming maintenance practices effectively and improving Energy Efficiency,





Thank You











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