



**KOVAN**

Next-Gen ERP System







KOVAN is a **Next-Gen ERP System**, designed to transform your Enterprise **HR, Financial, Manufacturing** and **Logistics** operations into digital world with robust, web-based business applications delivered with modern software technologies.

# Our Product Portfolio



**Human Resources  
Capabilities**



**Finance  
Capabilities**



**Logistics  
Capabilities**



**Sectoral and Vertical  
Solutions**

## **A Product Overview**

### **End to End Enterprise Resource Planning**

From HR to Financials, from Production to Logistics operations; KOVAN provides a wide portfolio of integrated business applications for Enterprise level organizations (with tens of thousands end users) to address complex business needs, bring efficiency and to drive business agility forward.

### **Highly Customizable**

Manage your workflows with BPMN 2.0 notation, quickly change flow schemas and logic using Process Engine and utilize KOVAN's qualified application development platform to create customized business applications

### **Multi Platform Access & User Friendly Interfaces**

Easy to use and visually appealing user interfaces that comply with WCAG and ISO 9241 standards, proven successful by Türkiye's leading institute in UX research, TÜBİTAK BİLGEM

### **Ready for International Use**

Multilingual support for Turkish, English, Arabic and more, along with localization packages for addressing foreign regulation differences in business applications

### **Masterpiece of HAVELSAN's Digital Expertise**

KOVAN has been developed by HAVELSAN, Türkiye's leading contractor and service provider in military and e-government software projects with strong legacy in Turkish Armed Forces and its digital transformation



## Human Resources Capabilities



Personnel Management



Time and Leave Management



Recruitment



Manager / Employee Self Service



Career Management



Organization Management



Payroll



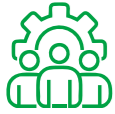
Training Management



Performance Management



Company Housing



## Personnel Management

KOVAN Personnel Management provides efficient management of human resources, handling employee information and ensuring alignment with organizational goals through seamless integration with other business operations.

- Easy and fast integration
- Flexible filtering and reporting
- Bulk data entry
- Developed with HR professionals
- Compliant with regulations



## Organization Management

KOVAN Organization Management provides powerful tools for structuring, managing and optimizing organizational hierarchies, employee roles and internal workflows, enhancing operational efficiency and communication.

- Easily Editable Organizational Structure
- Organizational Structure Versioning & Tracking
- Flexible/Staff/Position Role Configurations
- Ability to Define Temporary Organizational Units





## Time and Leave Management

KOVAN Time & Leave Management provides streamlined tools for tracking employee workhours, managing leave requests and ensuring compliance with company policies, promoting efficient workforce management.

- Flexible Work Schedule and Calendar Management
- Easy Work Rule Definition and Adaptability
- Configuration Based on Personnel Qualifications
- Integration with Turnstile Systems



## Payroll

KOVAN Payroll provides automated tools for calculating employee salaries, managing tax deductions, processing payments and ensuring compliance with payroll regulations, streamlining the payroll process.

- Rule-Based Easy Adaptation
- Separate Payroll Capability for Different Worker Groups
- Comprehensive Wage Type Management
- Fast Payroll Calculation Engine
- Developed in Collaboration with Human Resources Professionals
- Compliant with Local Regulations



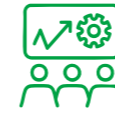


## Recruitment



KOVAN Recruitment provides efficient tools for managing job postings, screening candidates, tracking applications and streamlining the hiring process, ensuring a smooth and effective recruitment workflow.

- Creating and Evaluating Needs Requests
- Job Posting Preparation and Publishing
- Candidate Portal
- Application Processes
- Main/Reserve Candidate Selection Processes
- Interview and Written Examination Processes
- Integration with Personnel Management



## Training Management



KOVAN Training Management provides tools for planning, tracking and evaluating employee training programs, ensuring skill development and aligning workforce capabilities with organizational needs.

- Flexible Filtering and Reporting
- Comprehensive Training Request Collection
- Integrated Training Planning
- Configurable Reminders



## Performance Management

KOVAN Performance Management provides tools for evaluating employee performance, setting measurable objectives and delivering continuous feedback, ensuring alignment with organizational goals and fostering continuous improvement.

- Performance Measurement Operations and Periodization
- Flexibility in Defining Periodic Performance Organization
- Personnel Competency Catalog and Criteria List Configurations
- Integration with Production and Maintenance Modules



## Manager / Employee Self Service

KOVAN Manager / Employee Self Service provides a user-friendly interface for employees to manage personal data, access payroll and benefits information and submit requests, while enabling managers to streamline approvals and monitor team activities, enhancing overall organizational efficiency.

- Participative Designs in HR Processes
- Verification Through e-Government Systems
- Real-Time Leave Quota/Approval Tracking
- Tracking Flexible Work Reports





## Career Management

KOVAN Career Management provides tools for mapping career paths, tracking Professional growth and aligning development opportunities with organizational objectives, fostering continuous advancement and long-term employee engagement.

- Development Plan and Career Path Designs
- Competency and Requirement Configurations Based on Position/Staff
- Competency List and Level Classifications



## Company Housing

KOVAN Company Housing provides tools for managing housing assignments, coordinating requests and facilitating efficient employee relocations, ensuring optimal utilization of company assets.

- Management of Request, Draw, and Scoring Processes
- Integration with Personnel Management System
- Flexible Process Design
- Regulatory Compliance





## Finance Capabilities



Financial Accounting



Asset Accounting



Budget Management



Financial Planning & Analysis



Cost Accounting



Project Management



Travel Management



Public Sector Budgeting Suite



## Financial Accounting

KOVAN Financial Accounting provides comprehensive accounting features for ledger management and AP/AR, ensuring compliance, streamlined operations and insightful decision-making.

- Ledger and Chart of Accounts
- Accounts Receivable & Accounts Payable
- Cashbook & Bank Accounts
- Revenue / Expense Centers
- G/L Documents and Posting
- Cheques, Promissory Notes, Guarantee Letters
- Dashboards & Standard Financial Reporting
- Financial Year and Period Operations
- Tax Reporting & Consolidation
- E-Invoice / E-Ledger Support
- Business Partners
- Liquidity and Cash Positions
- Cash Forecasting and Planning
- Treasury and Risk Management
- Loans
- Configurable Workflows
- Multiple Currency Support



## Asset Accounting

KOVAN Asset Accounting provides precise tracking, valuation and management of Fixed Assets (FA), ensuring compliance, transparency and optimized financial planning.

- Fixed Assets Ledgers
- Fixed Assets Classes
- FA Classes to G/L Accounts Integration
- Multiple Depreciation Methods
- FAs Depreciation Postings
- FAs Movements (Entry, Transfer, Disposal etc.)
- FA Merge and Split
- Capitalization of FAs
- AP and AR Integration (Acquisition & Sales)





## Budget Management

KOVAN Budget Management provides reliable and efficient financial forecasting, monitoring and optimization, supporting strategic decision-making and long-term stability.

- Multi-year and Dimensional Budget Coding Structure
- Budget Preparations and Management
- Collaborative Budgeting
- Budget Implementation
- Versioning and Scenarios
- Variance Analysis (Actuals, Planned)
- Public Sector Budgeting Suite



## Financial Planning & Analysis

KOVAN Financial Planning & Analysis provides comprehensive budgeting, forecasting and performance analysis, enabling data-driven decision-making and financial agility.

- Ad-hoc Financial Analysis and Planning
  - Widgets
  - Forms and Formulas
  - Queries and Analytics
- Versioning and Scenarios
  - Forecasting Parameters (Economic, Sectoral, Enterprise)
- Mapping
  - Data Import from Previous Budgets
  - Transfer Planning Workspace into Effect
- Pro forma Financial Statements

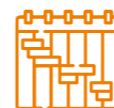
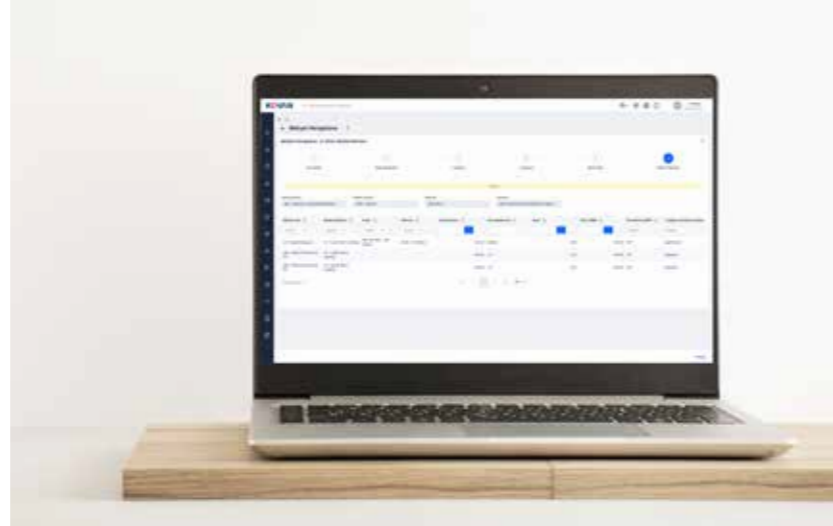




## Cost Accounting

KOVAN Cost Accounting provides robust tracking, precise allocation and comprehensive analysis, empowering organizations to manage expenses efficiently and enhance profitability.

- Cost Ledgers
- Cost Centers
- Cost Types
- Cost Schemas and Distributions
- Cost Transfers (to Centers, to Projects)



## Project Management

KOVAN Project Management provides planning, scheduling and tracking tools empowering teams to collaborate effectively and deliver projects on time and within budget.

- Program – Project Portfolio Structure
- Project WBS, Calendar and Gantt Schema
- Resource Planning and Budget Control
  - Workforce
  - Fixed Assets
  - Equipments and Inventory
  - Planned Costs
- Risk and Scope Management
- Change Management and Versioning
- Project Costing
- Deliverables and Timetable
- Dashboards and Reporting





## Travel Management

KOVAN Travel Management provides travel request handling, expense tracking (per diems and advance payments) and agency integrations to ensure efficient and compliant travel operations.

- Travel Requests & Evaluation
- Per Diem Rules & Calculations
- Advance Payment Requests & Evaluation
- Travel Expenses & Evaluation
- Travel Agency Integrations
- Self Service Travel Planning
- Travel Accounting & Payroll Integration



## Public Sector Budgeting Suite

KOVAN Public Sector Budgeting Suite provides multi-company interactive public budget planning solution that automates budget forecasting, requests, approvals, revisions, implementation and reporting.

- Multi-year and Dimensional Budget Coding Structure
- Budget Preparations and Management
- Collaborative Budgeting
- Budget Implementation
- Full Compliance with Regulations
- Integrated with E-Government Budgeting Services





# Logistics Capabilities



Procurement



Warehouse Management



Inventory Management



Planning



Sales Management



Production Management



Quality Management



Maintenance Management



## Procurement

**KOVAN Procurement provides end-to-end requisition, supplier and contract management, ensuring cost-effective and transparent purchasing processes.**

- Adaptive Detailed Data-Based Authorization
- Material Requests Based on Need Type and Priority
- Traceability of Documents from Request to Invoice
- Integration with Inventory Management & Financial Accounting
- Supplier Portal for Strong Communication with Suppliers
- Easy Approval Flows
- Support for Contract/Consignment Purchasing Processes
- End-to-End Procurement Processes Compliant with Public Procurement Law
- Document Management System Integrations
- Customizable Document Management for Purchase Documents
- Quick Entry Templates
- Adaptable System Notifications
- Effective Purchase Order Management
- High-Level Cost Control with Effective Budget Tracking
- More Efficient Use of Resources with Project Management



## Warehouse Management

**KOVAN Warehouse Management provides robust solutions for managing inventory with precise tracking of addresses, stock levels in real-time, enhancing warehouse efficiency.**

- Shelf-Row-Location Detailed Warehouse Address Management
- In-Warehouse Tracking Capabilities with Stock Status/Usage Type/Batch and Serial Number Details
- Address Stock Tracking with Pallet/Container Automatic/Manual In-Warehouse Transfer Operations
- Quick Entry Templates
- Easy Approval Flows
- Usage/Turnover Rate Calculations and Reporting
- Warehouse Capacity Report
- RFID, Barcode, and QR Code Integration





## Inventory Management

KOVAN Inventory Management provides real-time tracking, optimized stock control and seamless integration with procurement and sales, ensuring efficient and accurate inventory operations.

- Stock Movements and Transformations
- Stock Counting and Transfer Operations
- Adaptable, Dynamic Material Coding
- Comprehensive Material Master Data Model
- Usage of Variant Materials
- Additional Feature Configurations
- Material Duplication Control
- Hierarchical Material Grouping in Compliance with Portable Code Regulations
- Document Management System Integrations
- Detailed Stock Tracking Based on Stock Usage Type
- Quick Entry Templates
- Adaptable System Notifications
- Stock Valuation (LIFO, FIFO, Moving Average, Standard)
- Revaluation of Stocks per Inflation Accounting Standards



## Planning

KOVAN Planning provides advanced capabilities in forecasting, demand scheduling, production planning and resource management to optimize overall operational performance and decision-making.

- Forecasting
- Master Demand Schedule (MDS)
- Master Production Schedule (MPS)
- Material Requirements Planning (MRP)
- Capacity-Based Planning
- Single MRP, Multiple Locations
- MRP Scheduling





## Sales Management

KOVAN Sales Management provides sales operations through effective quotation and order management, support for diverse campaign strategies and seamless integration with production and other logistics applications.

- Sales Quotation Operations and Order Conversion
- Support for Multiple Quotation Types
- Sales Delivery Management and Delivery Confirmation Processes
- Holistic Process Tracking and Reporting
- Integration with Production and Logistics Planning Applications
- Sales Quotation Processes
- Sales Order Processes
- Sales Pricing Lists
- Delivery Note Processes



## Production Management

KOVAN Production Management provides streamlined work order creation, scheduling and resource optimization while supporting automated processes and cost-effective production through Project and activity-based strategies.

- Creating work orders with detailed operations and resources
- Scheduling and availability checks
- Support for production processes
- MRP-supported automatic work orders
- Hierarchy definitions among work orders and work plan transformation
- Project-based production
- Activity-based Production Cost Calculation and Tracking





## Quality Management



KOVAN Quality Management provides measurement, analysis and control capabilities, enhancing quality oversight for materials, processes, and suppliers, and ensuring seamless integration with maintenance, procurement, inventory, and production management.

- Measurement, analysis and control operations
- Quality management capabilities for internal materials, processes, and suppliers
- Parameter and limit value configurations
- Holistic process tracking and reporting
- Integration with maintenance, procurement, inventory management and production management applications



## Maintenance Management

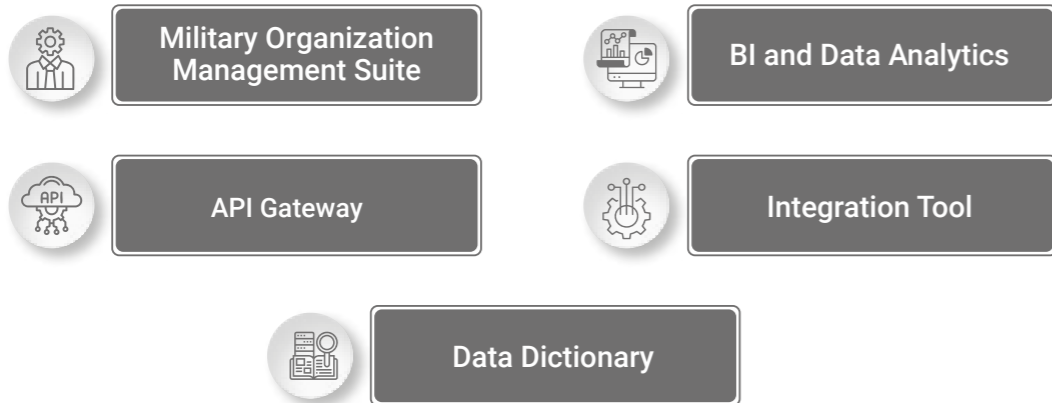


KOVAN Maintenance Management provides comprehensive tools for scheduling, tracking and optimizing maintenance activities, ensuring operational efficiency and reduced down time.

- Maintenance Request Operations and Work Order Management
- Maintenance Asset Operations and Maintenance Schedule Planning
- Work Centers, Maintenance and Repair Customizations
- Fault Configurations and Notification Activities
- Maintenance Asset Definitions
- Basic and Actual Configuration Tracking



## Sectoral and Vertical Solutions



## KOVAN Application Platform

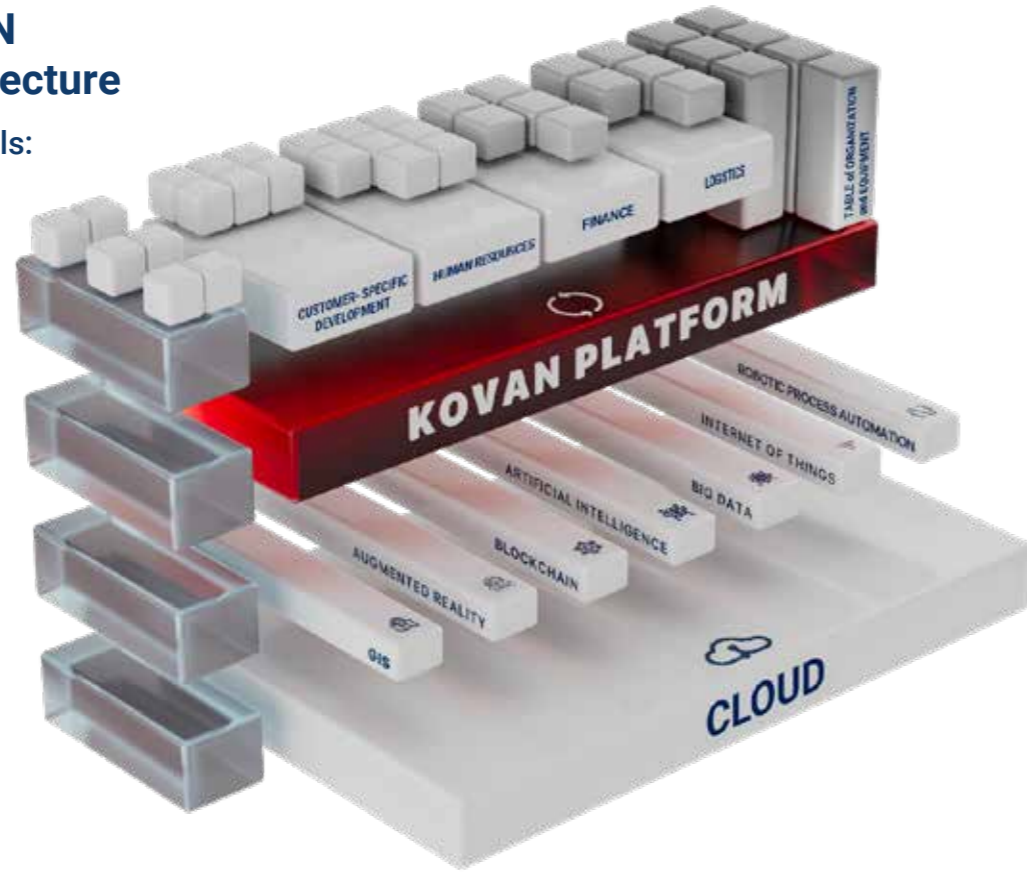
- Central User Authentication & Authorization Utility
- Application Development Framework
- Ready-to-use Frontend Components and Extensibility
- Process Models and Engine
- Reports and Queries



## HAVELSAN KOVAN Technology Architecture

Supported Service Models:

- On-premises
- Cloud



## HAVELSAN KOVAN Solutions Architecture





## Coding The Trusted Future



[www.havelsan.com](http://www.havelsan.com)

