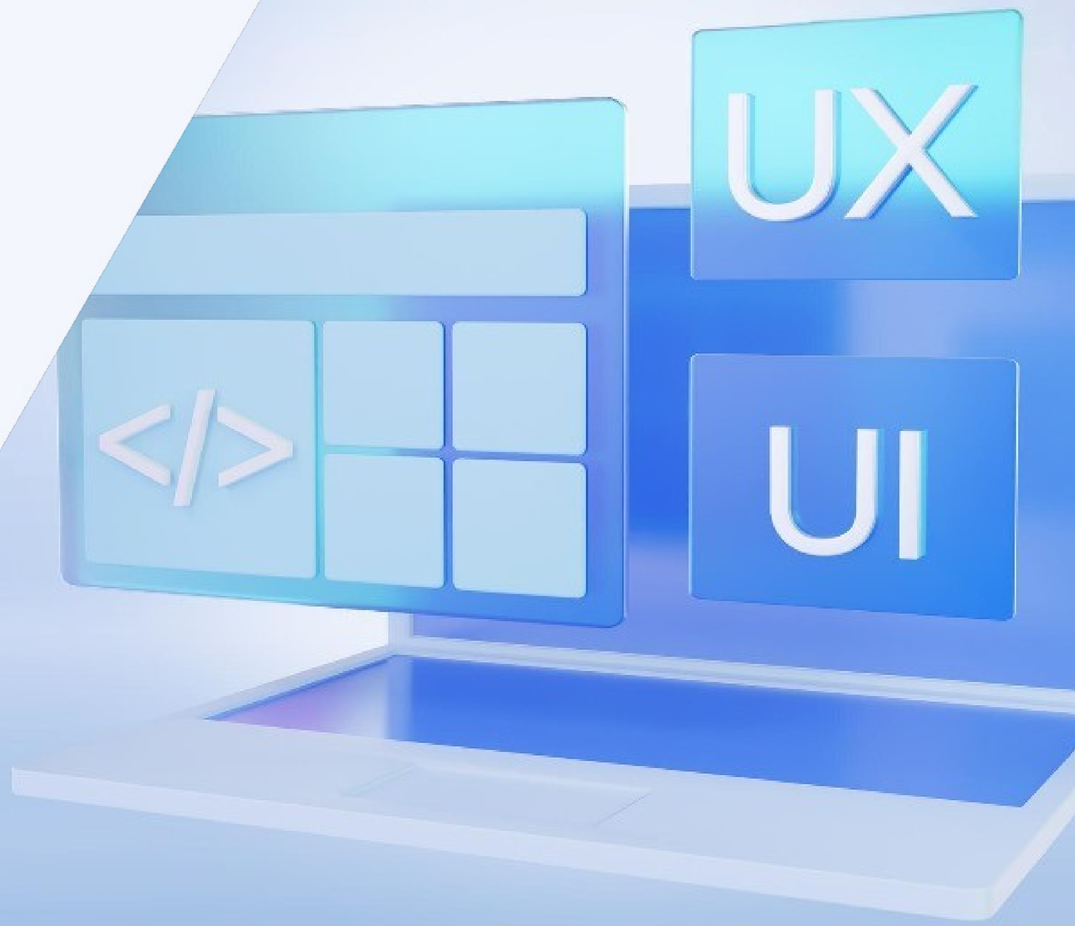
VISION

VISION APP MAKER

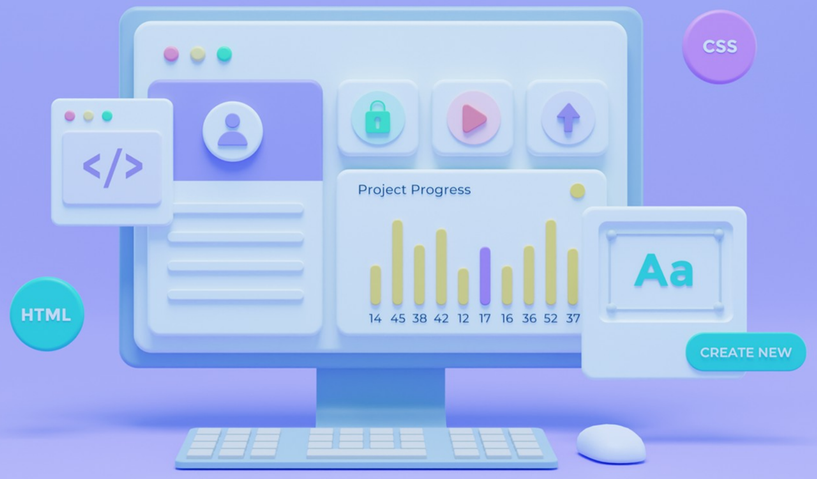
Build complex applications in visual designer, without code.



Vision App Maker

Build complex applications in visual designer, without code.

Vision App Maker is a mature platform with 250+ implementations for various industries: Banking, Insurance, Automotive, Pharma, Services, Government, Distribution, Travel, Field Services.



- Easy build new application from scratch
- Integrate existing platforms and legacy systems into unified application
- Digitalize your business workflows through business processes re-engineering
- Enhance Business-Integration Speed & Agility
- Optimize operations with processes prepared for rapid evolution
- Drive innovation by quickly creating innovative digital products and services
- Accelerates Transformation
- Simulate working software much earlier in the cycle enabling project team to iterative prototyping and agile development

Our customers are successfully rollout their daily operation on applications powered by Vision App Maker:

TIRIAC HOLDINGS · thyssenkrupp · SANDOZ a Novartis company · Automobile Bavaria Group

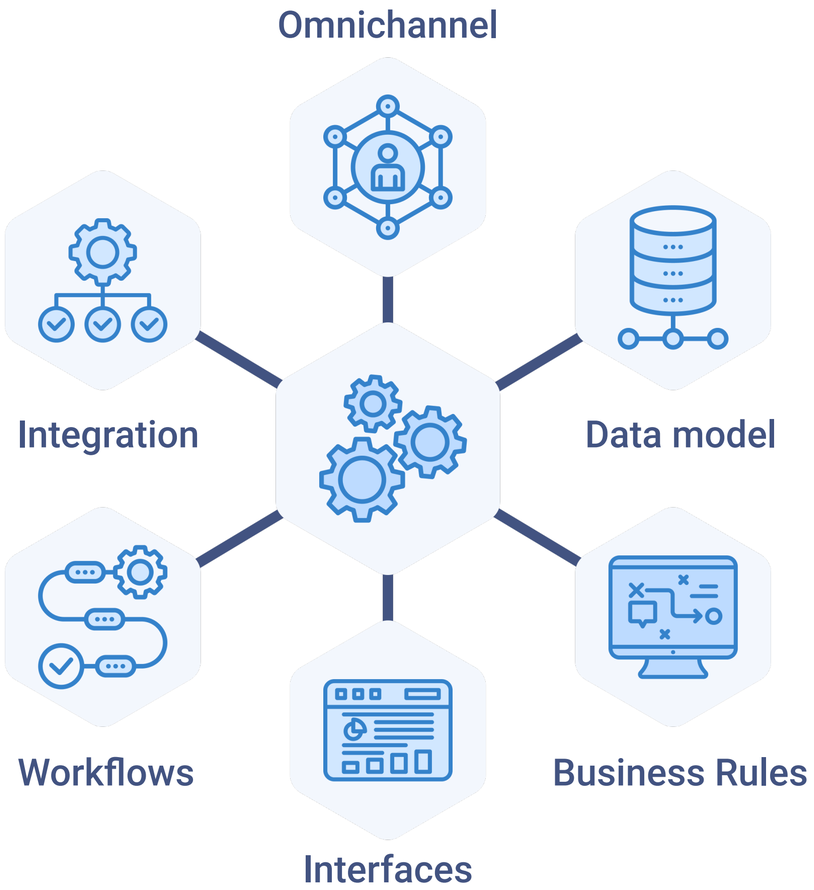
Aerotravel · SIGNAL IDUNA · RoRec · DENTAL CLINIC

STEJARII COUNTRY CLUB · PATRIA BANK · FARMEXPERT

Vision App Maker

Features

Omnichannel
Same user experience across all channels:
Internal Portal – External Portal – Mobile – Info kiosk – Public API



Powerful Integration Capabilities
Allows integration with any system through a plugin mechanism. Data can be imported from ERP, CRM, DMS, GIS, RPA, AI or legacy systems and can be further used in workflows, rules, interfaces and document templates.

Visual Editor/Studio
Flows can be simple or complex, from procurement approval to credit management or back-office solutions.

Document Management and Generation
Design and generate document templates that can then be used in workflows to print any type of forms, like Quotes, Contracts or Invoices.

Data Model Graphic Designer
Definition of simple and complex data types, cardinalities, lists, parameters and entities for any type of application.

Business Rules
Can be designed by any user who has the ability to write formulas in Excel. You can easily implement scoring, escalation and notifications or you can manage how information is displayed and processed in the interface, documents and reports.

Reporting and Alerts
Generate various types of alerts within workflows, from information transmitted by e-mail to reports generated by the system and exported in a predefined format.

Interface Visual Editor
Generate responsive UI accessible from any web browser or mobile device. Build Single Page Applications providing a fluid, desktop-like user experience.

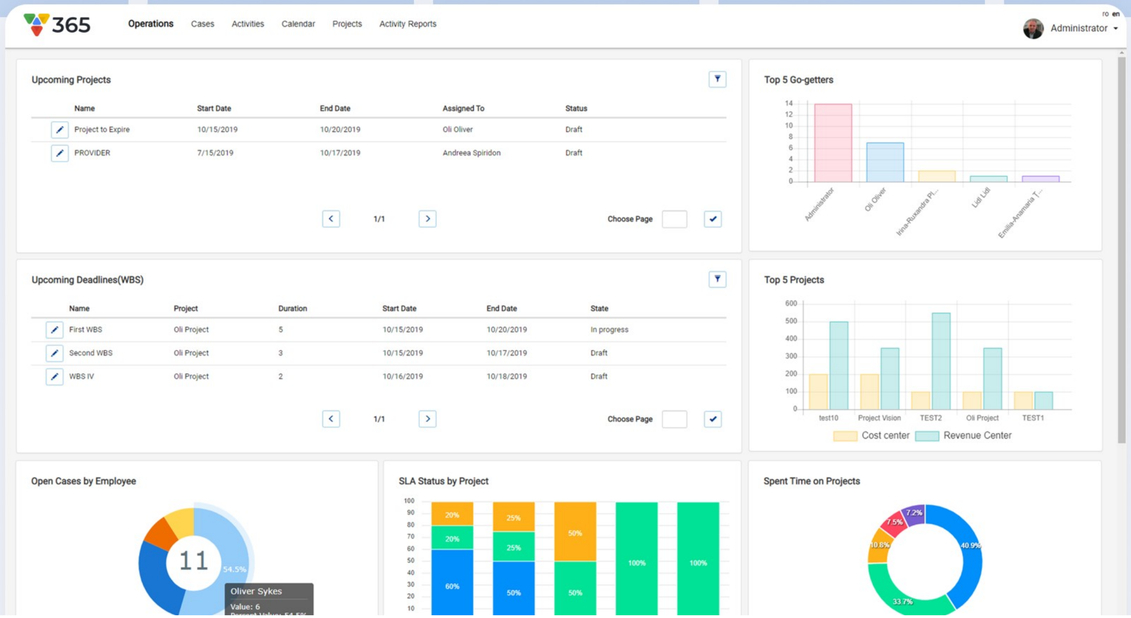
Vision App Maker

Application Development Factory



Build your application in the visual designer, step by step

Data model → **Business Rules** → **Workflow** → **Interfaces** → **Application**



Interface Visual Editor

Drag and drop interface components and link them to your data, rules and workflows

Workflow Visual Editor

Drag and drop workflow components to model the business processes

Business Rules

Easily implement complex business rules using simple functions

Powerful Integration Capabilities

Integrate your app with any API, Files or RPA

Data Model Graphic Designer

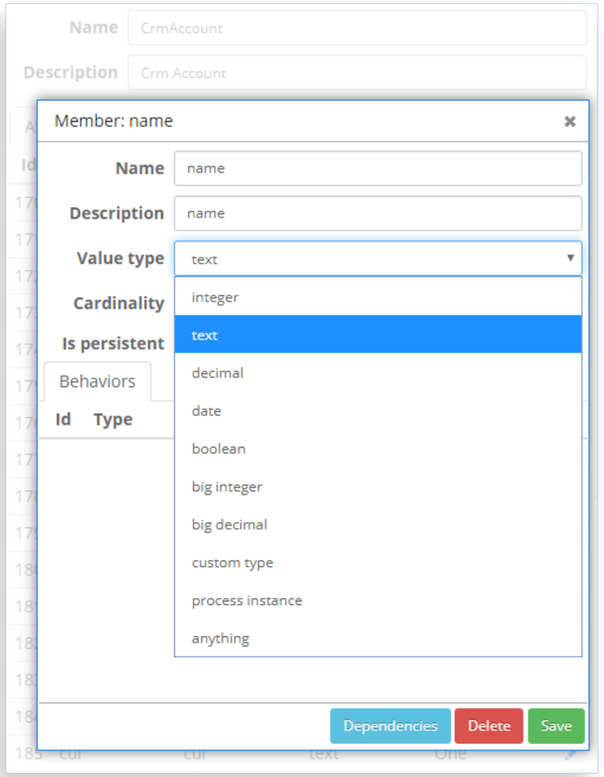
Graphic Data Modelling tool allowing you to create entities and entity relationship

Data Repository

Flexible data repository: local/cloud database or Blockchain digital ledger

Vision App Maker

Application Development Factory

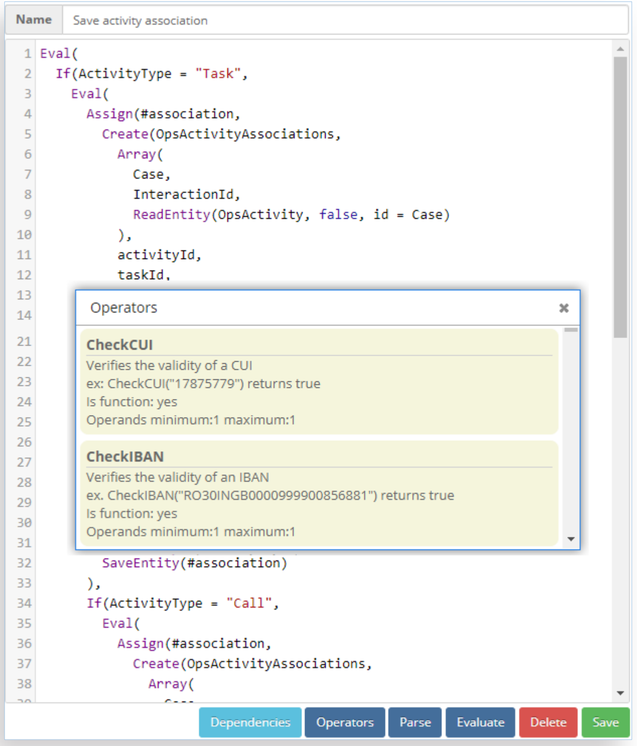


Data Model 1

Define the data model for the data to be stored in the database for your application: create entities, cardinalities, relationship, etc.
The defined date model will be further used in building the application.

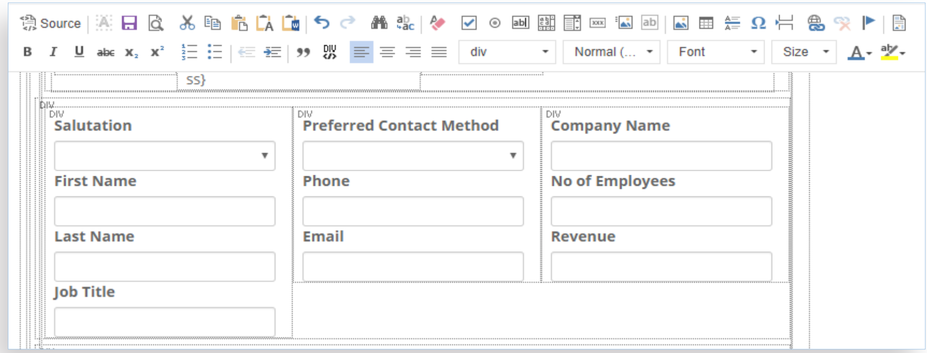
Business Rules 2

Translate your business rules into simple functions to be further used in the application interface, workflow, data and behavior. A business rule defines or constrains some aspect of business and always resolves to either true or false.
The Vision Rules Engine relies on complex operators, predefined functions (ex: check PIN, validate IBAN, etc.).



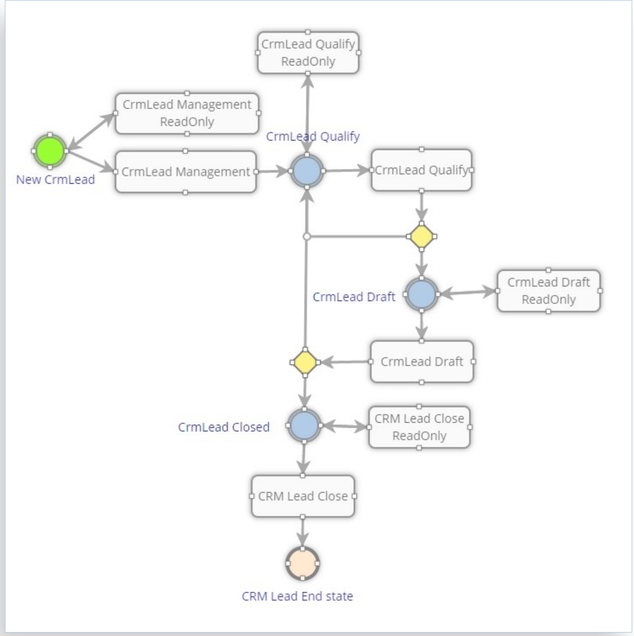
Build User Interface 4

Using a visual editor that enables writing content directly inside of web page or online application, allowing to create complex user interfaces. The Visual Editor has features found in word processors such as styles formatting (bold, italic, underline, bulleted and numbered lists), tables, block quoting, web resource linking, safe undo function, image inserting, paste from Word and other common HTML formatting tools.



Design your workflow 3

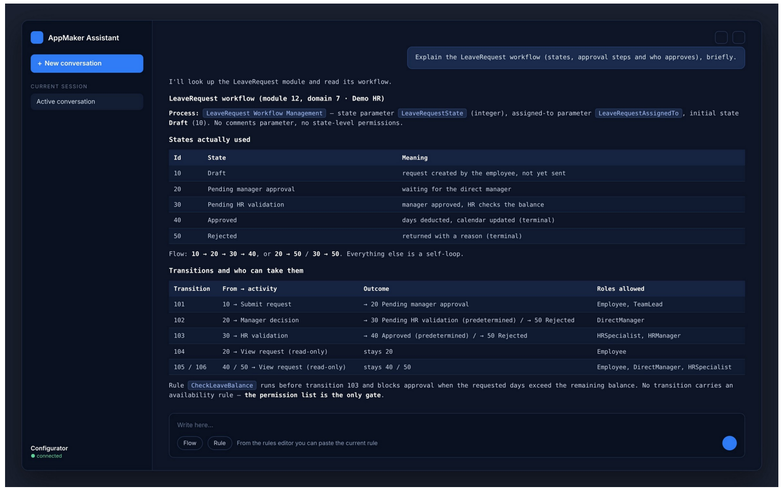
Define the workflow states, activities and transitions.
The visual design tool, intuitive and easy to use for assembling workflows, enabling you to easily create simple to advanced workflows with no code.
Use drag-and-drop actions to add steps, configure behavior, business rules, access and user interfaces.



VISION

Vision App Maker

Build with AI



AI at build time and inside the business processes

AI helps you configure applications faster and runs as governed steps inside workflows, while people stay in control: every change to business data passes through the BPM engine, after a human approval or under an approved rule set.

AppMaker Assistant
Reads the live configuration; plans, writes and validates modules, rules and workflows. You approve in App Factory.

AI inside your workflows
AI checks on documents and data run as workflow steps: pass, fail or manual review.

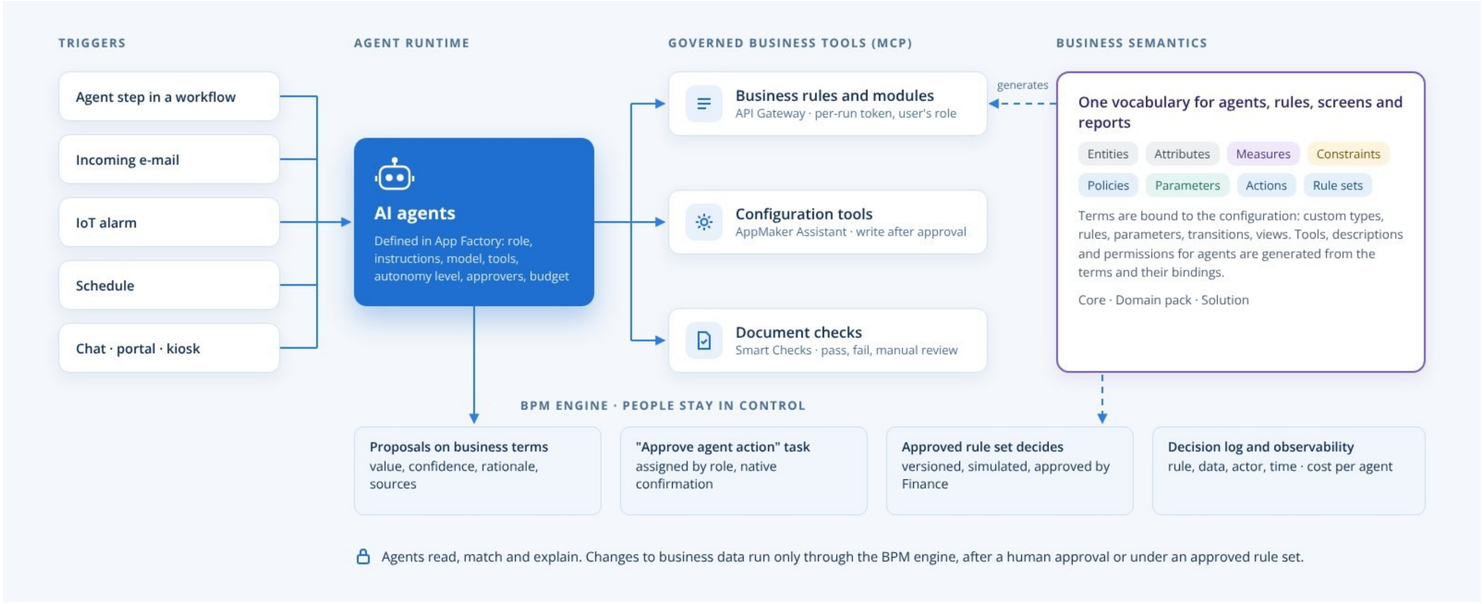
Governed agents
Defined in App Factory with role, instructions, tools, autonomy level, approvers and budget.

Approvals as workflow tasks
Agent proposals become tasks for people, with value, confidence, rationale and sources.

Business tools through MCP
Rules and modules exposed as MCP tools to Claude, ChatGPT, Cursor or your agents, with OAuth 2.1.

API endpoints without code
Public REST endpoints defined in the CMS, with rate limiting and live invocation logs.

Any model, cloud or local
Any OpenAI-compatible model, including local ones. Decision log and cost per agent.



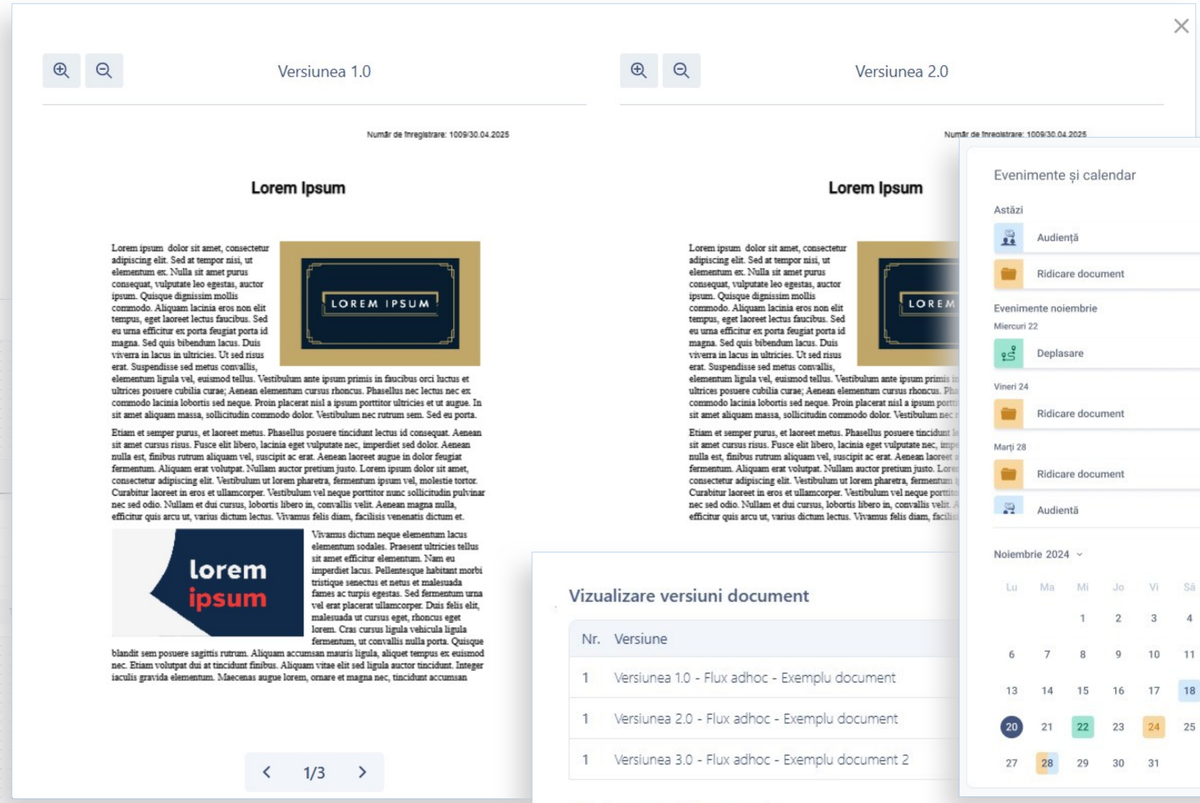
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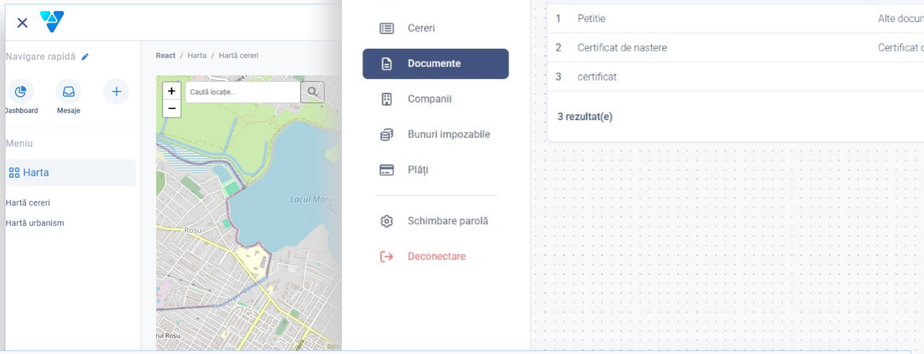
Vision App Maker

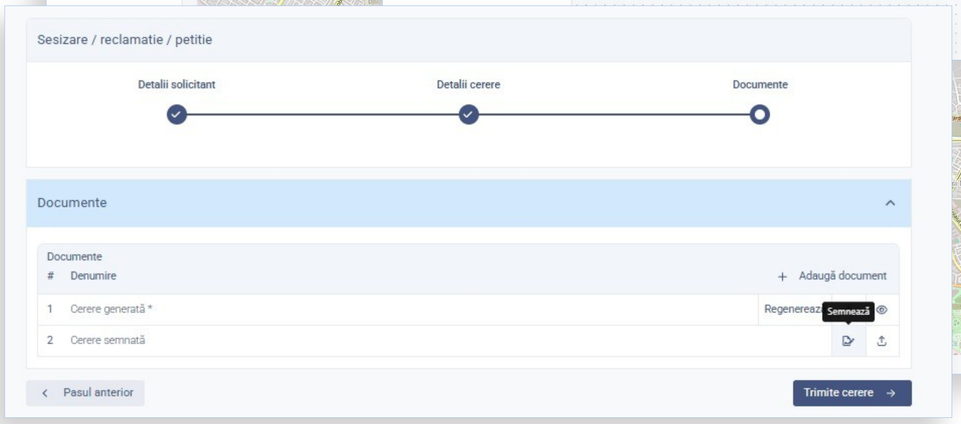
Automation tools

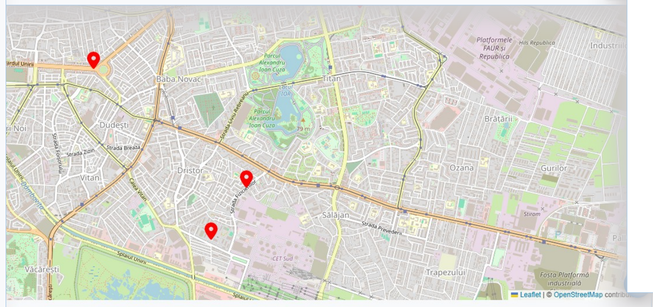
Powerful automation tools included:

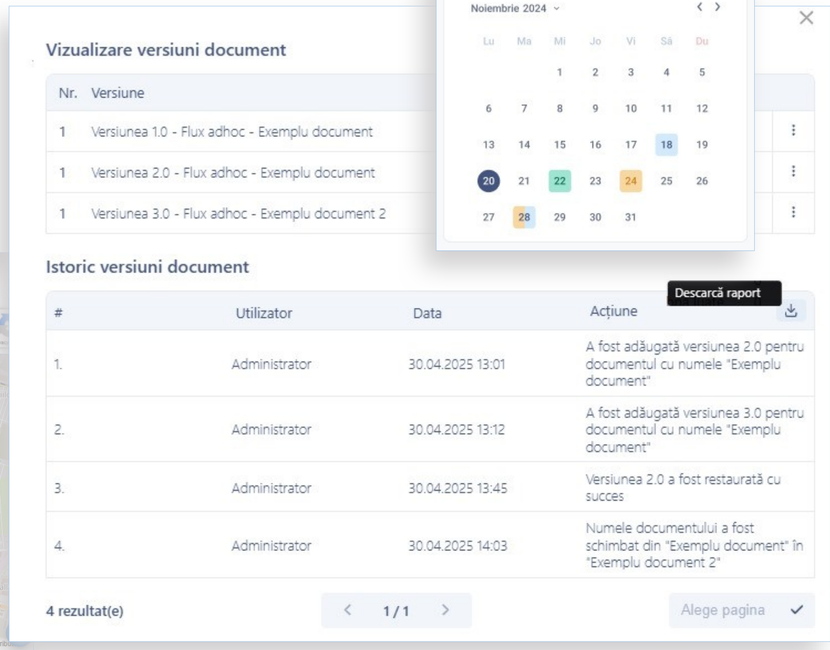
- Document versioning, editing and control
- Event and Calendar
- Electronic signature
- GIS
- IoT
- PDF documents generation
- Long term archiving









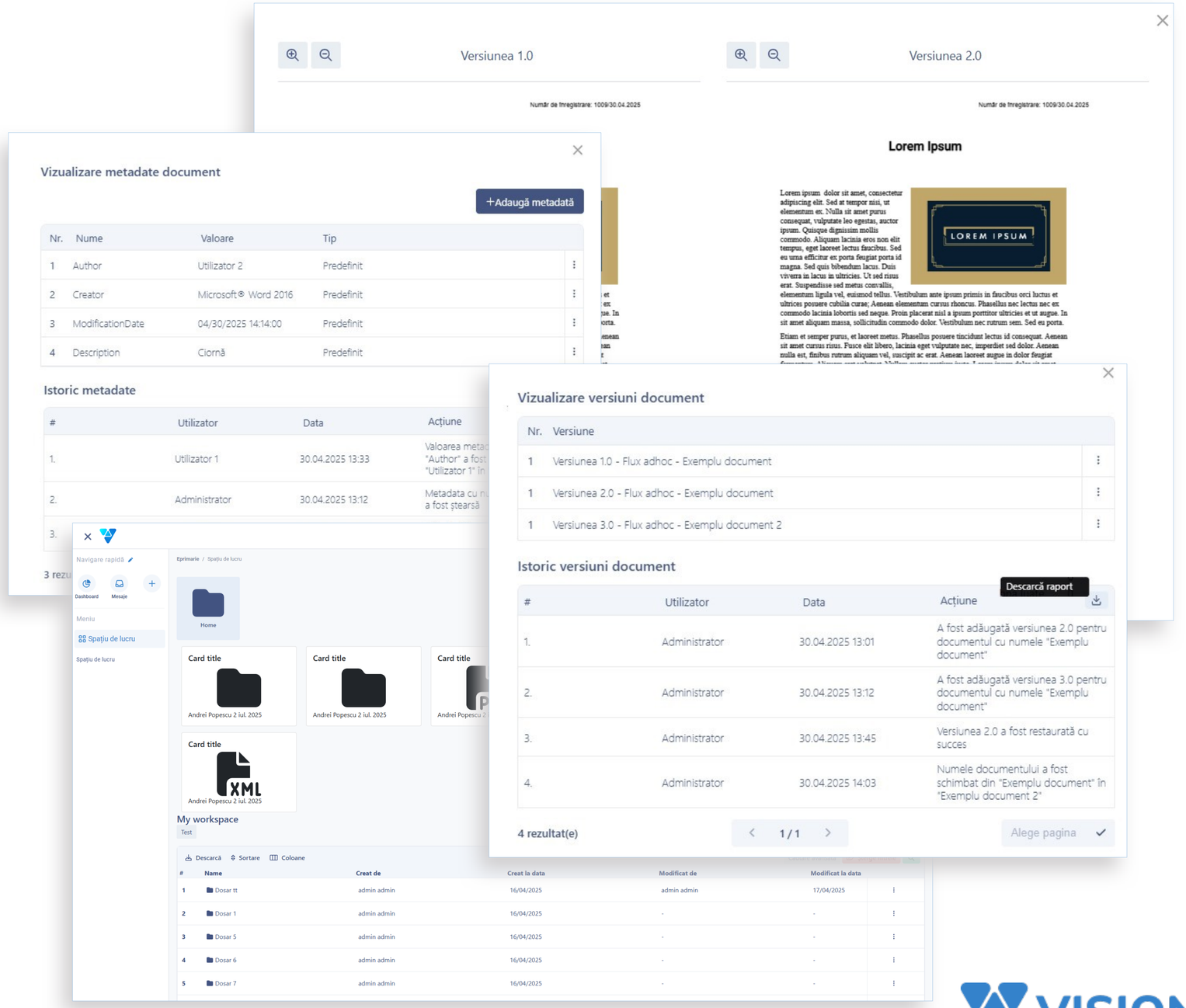


Vision App Maker

Document management

Document Management features:

- Document creation or insertion of files and images via scanners, email, bulk import, etc.
- Printing of barcodes, QR codes, and registration numbers using specialized barcode printers, with the ability to apply them to documents.
- Use of templates to define the document's lifecycle.
- Approval workflows for the current version of the document.
- Unlimited use of metadata fields (descriptors) for classification and search.
- Document indexing, searching, and filtering based on defined metadata for each document type.
- Automatic OCR processing for image and PDF files.
- Full-text indexing and searching, including text extracted from scanned documents via OCR.
- Automatic document registration, routing, or linking to workflows during the scanning process.
- Access control and permission management for users and roles.
- Document preview functionality directly within the user interface.
- Drag-and-drop upload of electronic documents.
- Electronic signing with a qualified digital certificate, storing both the original and signed versions in the same repository.
- Centralized and structured storage of documents in an organized space.
- Archiving based on document type and retention period.
- Duplicate file detection mechanisms.
- Check-in and check-out features to manage concurrent edits.
- Unique access link for each document record.
- Activity logging, tracking all actions taken on a document (view, edit, delete, approve, versioning, etc.).
- Automated notifications and alerts regarding changes made to documents or updates to their status.
- Email sending functionality for documents directly from the archive interface.



Vision App Maker

Interactive maps

Map native integration

The platform enables visual localization on a map of any entity defined within the system that has geospatial coordinates. It also supports user interaction with the map, allowing actions to be triggered when a map element is selected or clicked.

Real-time object Tracking

Display live locations and statuses of connected IoT devices on a map.

Objects Grouping and Filtering

Organize devices by type, status, or location and filter them to focus on specific sets of devices.

Detailed Object Information

Click or tap on a object icon to view detailed metrics, status, and historical data.

Customizable Map Layers

Enable or disable various map layers (e.g., satellite, street view, heatmaps) to enhance visualization.

Alert and Event Visualization

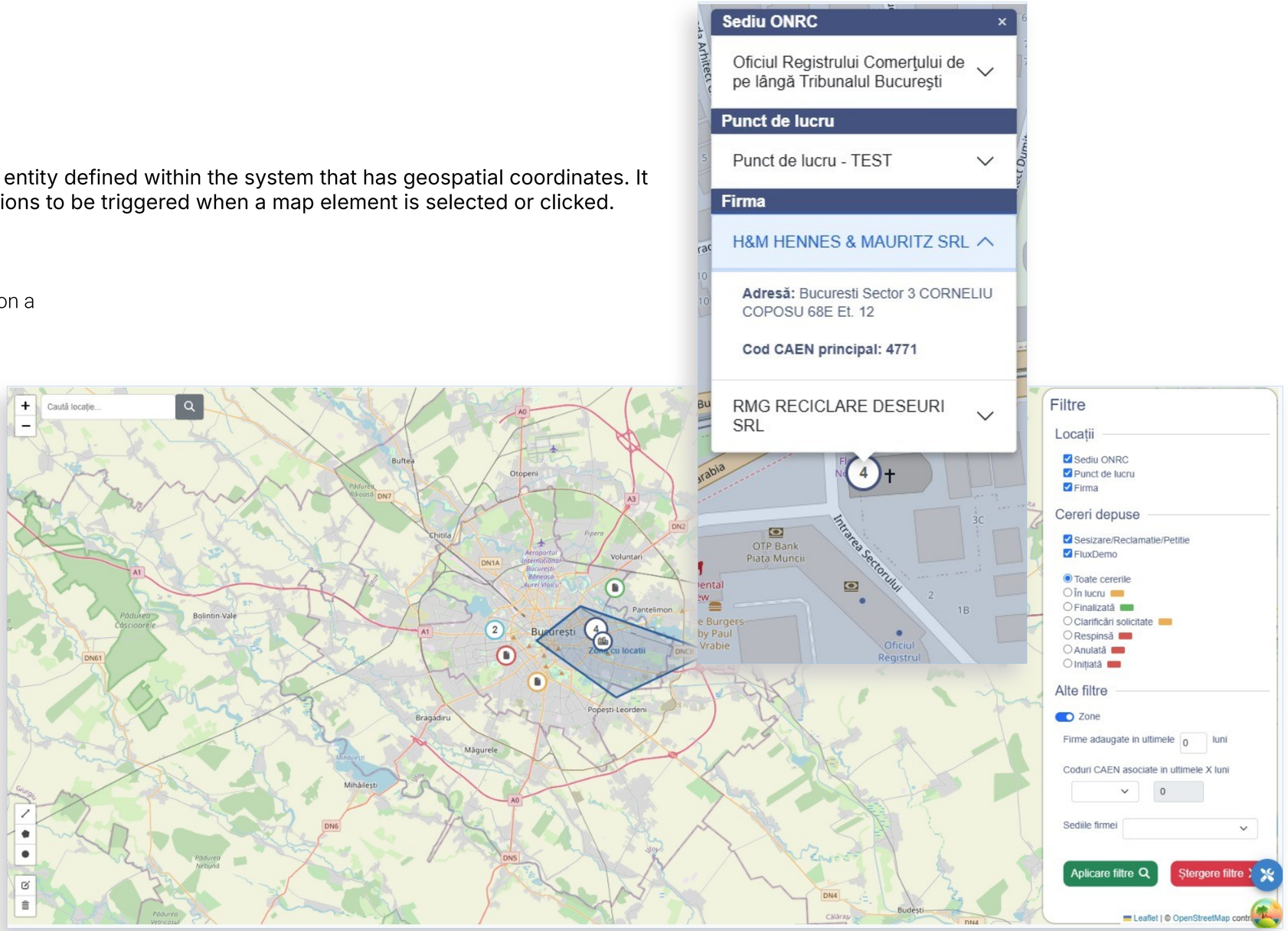
Highlight devices with alerts or specific events directly on the map for quick identification.

Geofencing

Define virtual boundaries on the map that trigger alerts or actions when objects enter or leave specific areas.

Historical Playback

Visualize device movement and status changes over time through a timeline feature.



Vision App Maker

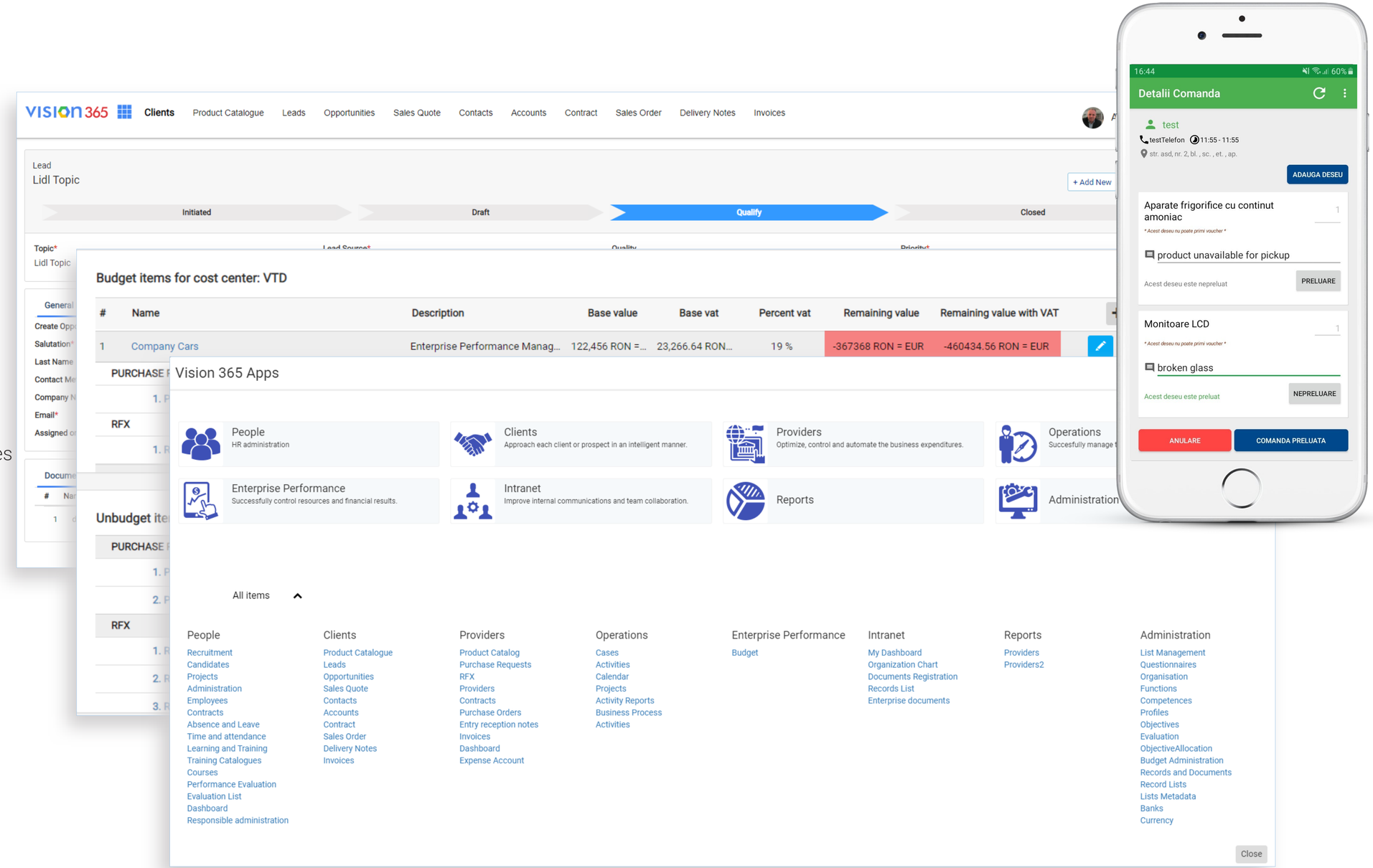
Solutions

Predefined solutions:

- Vision 365
- Vision Automotive
- Vision Retail Distribution
- Vision Wholesales Distribution
- Vision Fintech
- Vision Insurtech
- Vision Field Services
- Vision Travel for Airlines and Agencies
- Vision Process Automation
- Vision Smart Digital City
- Smart IoT Solutions

Predefined features:

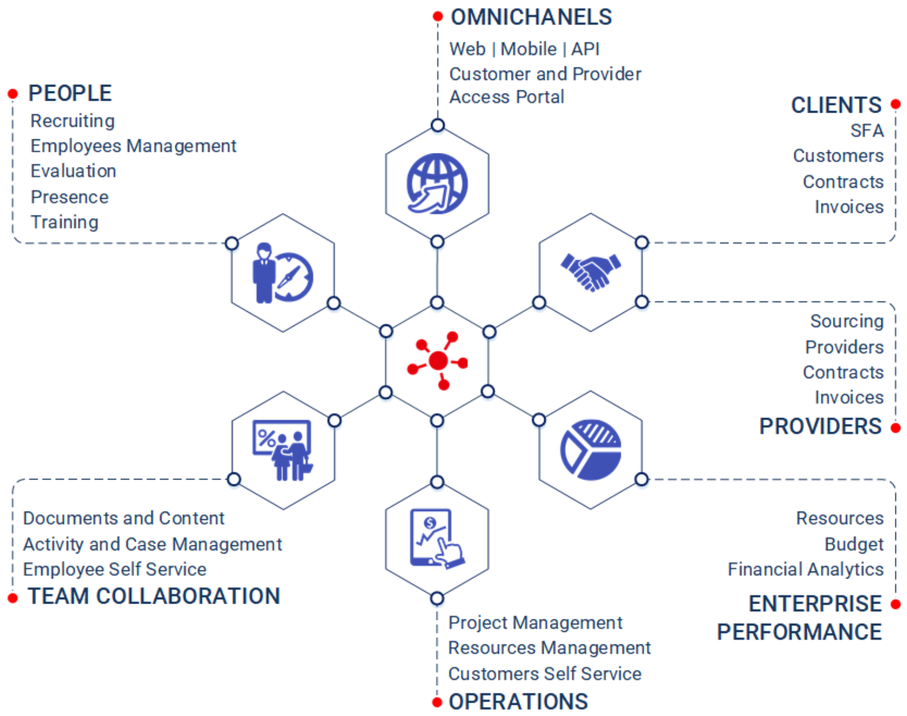
- Ticketing
- Contract Management
- Case Management
- Calendars
- Activity Management
- etc

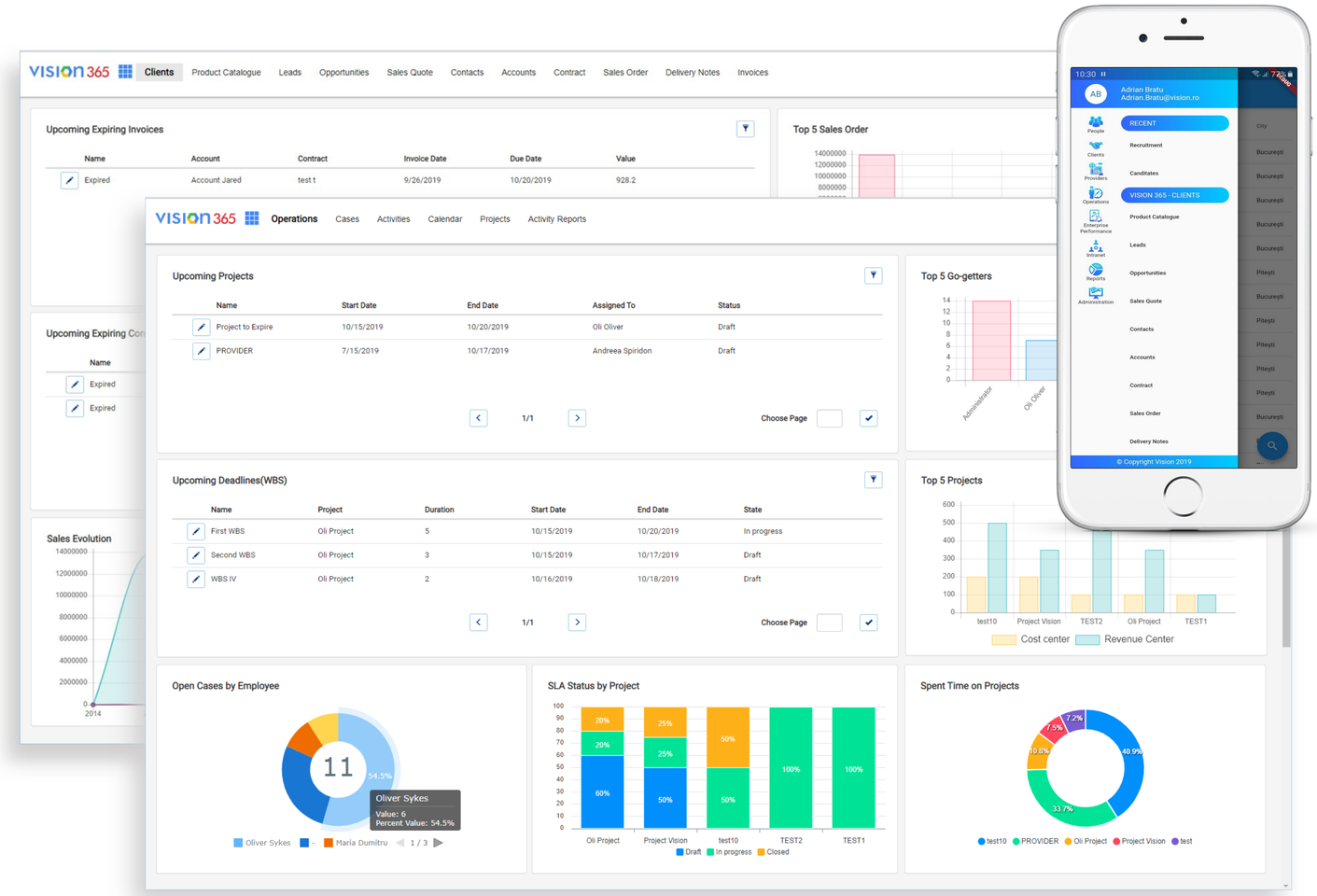


Vision App Maker

Use case – Vision 365

Vision 365 unifies your business aggregating in a coherent view data, people and processes with modern, intelligent business applications that adapt to your changing needs, power by specific AI tools.





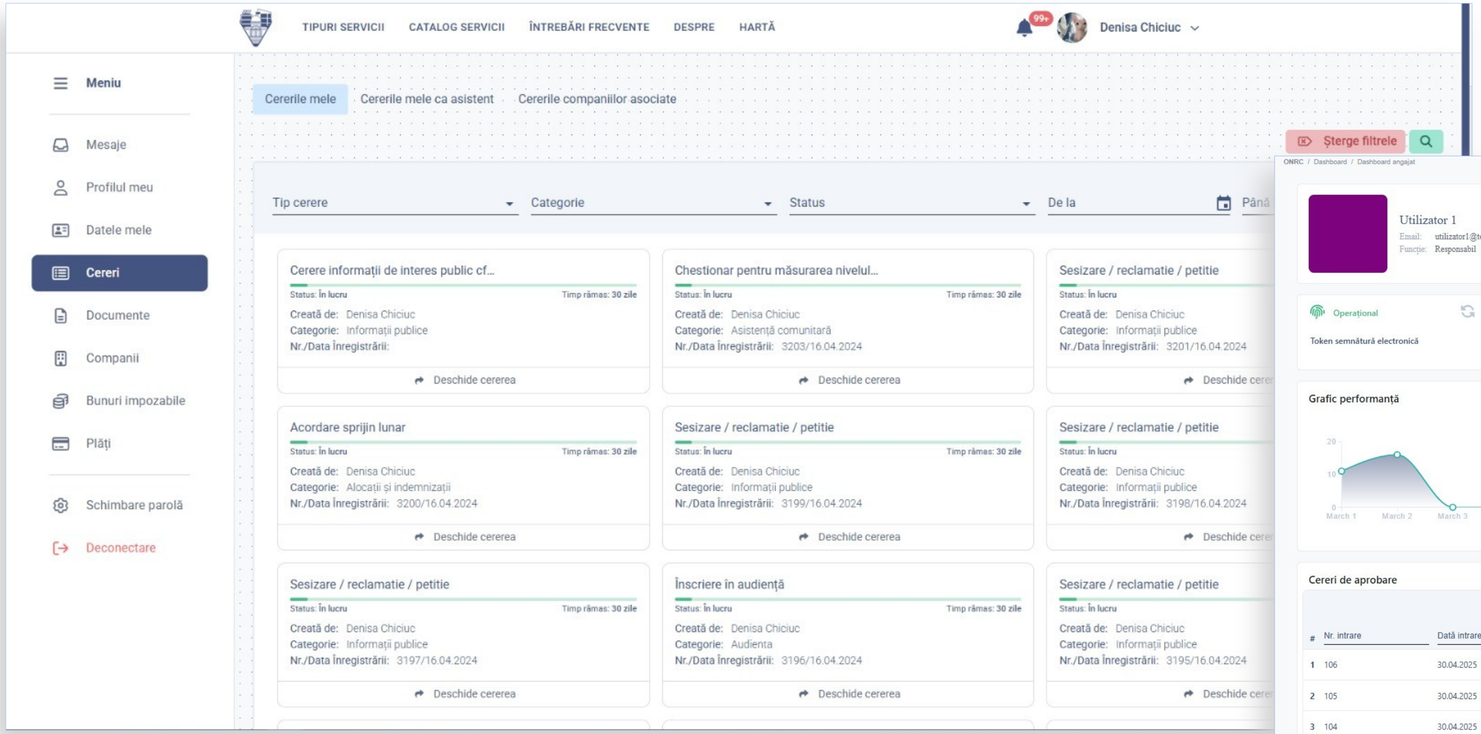
Vision 365 Suite of Applications offers a complete set of integrated features enabling any company to administer the human resources, automate the sales force and gaining new customers, control the cost and optimize the procurement processes, collaborate on project and delivering more efficient and with high quality.

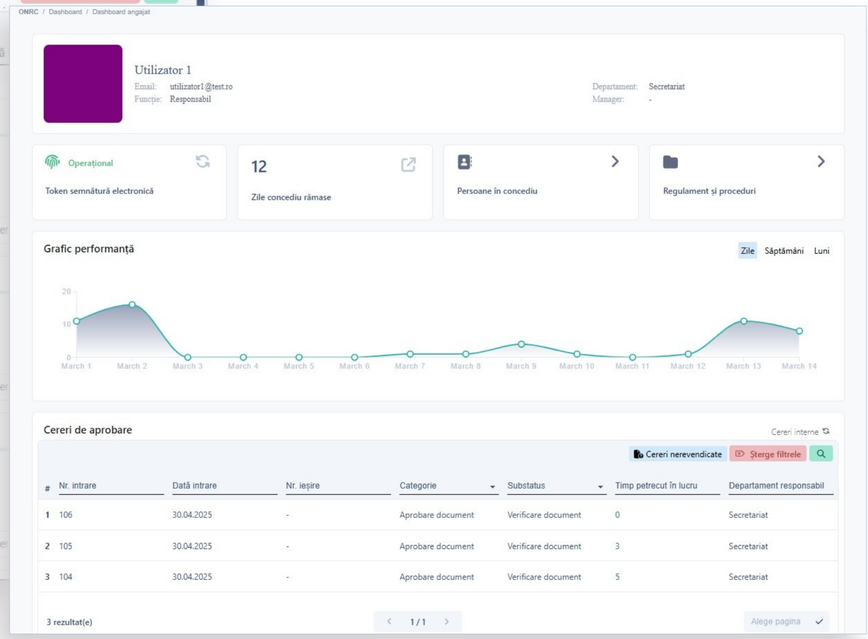
Vision App Maker

Use case – Smart Digital City

Smart Digital City is a comprehensive platform for improving public services, access to information, and transparency in various localities. Through innovation and IoT technologies, this solution aims to transform urban and rural environments into more efficient and connected communities, enhancing the quality of life for all residents.









Vision App Maker is a turn-key, integrated framework designed on a modular, cloud and decoupled architecture, compliant with the highest security and availability requirements.

Vision App Maker

Architecture

WHO USES THE APPLICATIONS

- **Internal users** — employees, back office, administrators
- **Customers, partners and citizens** — self-service, any device
- **Third-party systems** — ERP, CRM, DMS, GIS, RPA, e-mail, IoT
- **AI clients and agents** — Claude, ChatGPT, Cursor, your own agents
- **Business analysts and configurators** — build and change applications without code

Internal portal · External portal · Mobile app · Info kiosk · Public API · MCP tools · App Factory

VISION APP MAKER · PLATFORM

App Maker Engine runs your applications

Everything configured in App Factory is executed here, for every domain and version, on every channel.

- **Data model** — Entities, relationships, custom types, parameters
- **Business rules** — Formulas, validations, scoring, escalation
- **Workflows** — States, activities, transitions, permissions
- **Forms and views** — Responsive screens, menus, dashboards
- **Documents** — Templates, generation, signature, archive
- **Integrations** — Plugins, adapters, API endpoints, MCP tools

App Factory where you build

Visual designers for every layer of the application, with an AI assistant that reads the live configuration.

- Data model designer
- Rules editor
- Workflow designer
- Interface editor
- Agent designer
- API and MCP endpoints
- Domains and versions, module tester, export and import

PLATFORM SERVICES · SHARED BY EVERY APPLICATION

- **Security and identity** — SSO, MFA, AD/LDAP, Keycloak, RBAC, audit
- **Content and menus** — Portals, pages, resources
- **Chat and notifications** — Internal chat, e-mail, SMS, alerts
- **Documents and archive** — OCR, versioning, e-signature, retention
- **Maps and IoT** — Geolocation, devices, telemetry, geofencing
- **AI assistants and agents** — AI checks, governed agents, approvals
- **Jobs and monitoring** — Scheduled jobs, logs, metrics

read / write

- **Business databases** — one per domain · SQL Server
- **Configuration database** — all domains and versions
- **Document repository** — files, versions, archive
- **Your systems** — ERP, CRM, DMS, GIS, legacy — accessed live, not copied

● Containerized services on Kubernetes, OpenShift or OKD, on premises or in the cloud. One security model, one configuration, every channel.

- Omnichannel: portals, mobile app, info kiosk
- Public API endpoints and MCP tools for AI clients
- Internal and external configurable topology
- Containerised services on Kubernetes or OpenShift

- App UI designer
- Business rules
- Workflow visual designer
- Data modeler
- Agent designer and AI assistant

VISION

Vision App Maker Suite

Technology Stack

CHANNELS AND EXTERNAL PARTIES

- **Web browser** — internal and external users
- **Mobile app** — React Native, iOS and Android
- **Info kiosk** — self-service terminals
- **Third-party systems** — REST, files, RPA, e-mail (IMAP)
- **AI clients and agents** — MCP over OAuth 2.1
- **IoT devices** — MQTT, LoRa

HTTPS · ingress / reverse proxy

UI LAYER · REACT

Screens, menus and forms configured in App Factory, no code

- **Internal portals** 1...N — Back-office applications, administration and configuration access
- **External portals** 1...N — Customer, partner and citizen self-service
- **Info kiosk apps** — Touch interfaces for public spaces
- **Mobile app** — Same functionality, native mobile experience

REST / JSON

API GATEWAY LAYER · .NET

Single entry point: authentication, authorisation, routing, logging

- **App Maker Gateway** NEXUS — Identity (OIDC, OAuth 2.0, SAML, AD/LDAP, Keycloak), roles and permissions, content and menus, chat, documents, maps, notifications, scheduled jobs
- **Bridge API** — Public REST endpoints and an MCP server, both defined in the CMS without code; OAuth 2.1, rate limiting, live invocation logs
- **IoT Hub** — Device enrolment, MQTT and LoRa ingestion, codecs, command queues and rules

gRPC over HTTP/2

SERVICES LAYER · .NET MICROSERVICES

Each component scales independently

- **App Maker Engine** — Runs the configured applications: domains and versions, workflows (states, activities, transitions), views, parameters and permissions
- **Xpression rules engine** — Business rules as formulas: operators, validations, scoring, escalation, notifications
- **Plugins and adapters** — Live access to ERP, CRM, DMS, GIS, RPA, payments, e-mail and legacy systems
- **AI services** — AppMaker Assistant and rule assistant, AI checks in workflows, governed agents; any OpenAI-compatible model, cloud or local

gRPC · WebSocket

CONFIGURATION LAYER · APP FACTORY

Visual designer for data model, rules, workflows, interfaces, agents and API endpoints

- **App Factory Studio** Angular — Visual editors for every layer of the application, module tester, export and import
- **App Factory backend** .NET — Configuration services, packages, workflow and rule validation, assistant chat
- **AppMaker Assistant** MCP — Reads the live configuration for Claude, ChatGPT or Cursor; proposals are applied in Factory after approval

read / write

DATA

- **Business databases** — One per domain · SQL Server
- **Factory configuration DB** — All domains and versions · SQL Server
- **Bridge DB** — Endpoints, clients, tokens, logs · PostgreSQL
- **Distributed cache** — Redis / Valkey
- **Document repository** — Files, versions, signatures, archive

- All components run as Docker containers orchestrated by Kubernetes, OpenShift or OKD, on premises or in the cloud, with the same configuration.

VISION



Reliable back-end in .NET Core, responsive front-ends in React and React Native, App Factory Studio in Angular, and AI services that work with any OpenAI-compatible model, in the cloud or on premises.

VISION

Enjoy the digital journey

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Str. Victoriei 13B, et. 2 , Pitesti, Arges , Romania

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