VISION

# VISION APP MAKER

Build complex applications in visual designer, without code.

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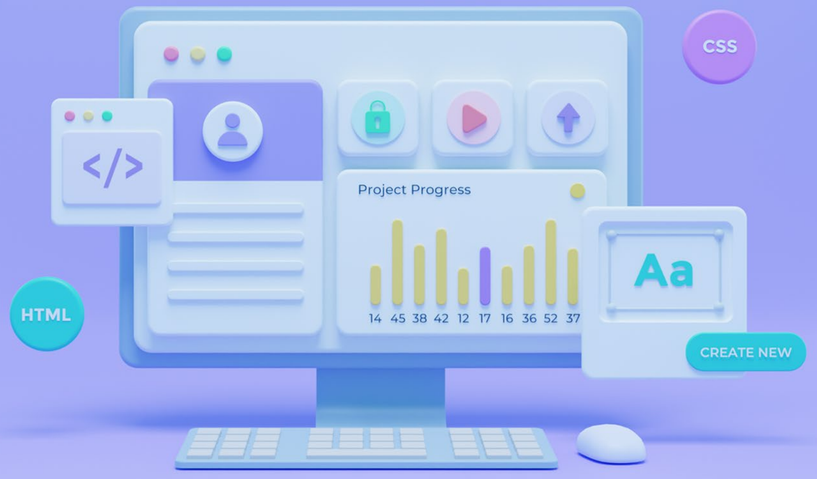
**Vision App Maker is a mature platform with 100+ implementations for various industries: Banking, Insurance, Automotive, Pharma, Services, Government, Distribution, Travel, Field Services.**




- 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:

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

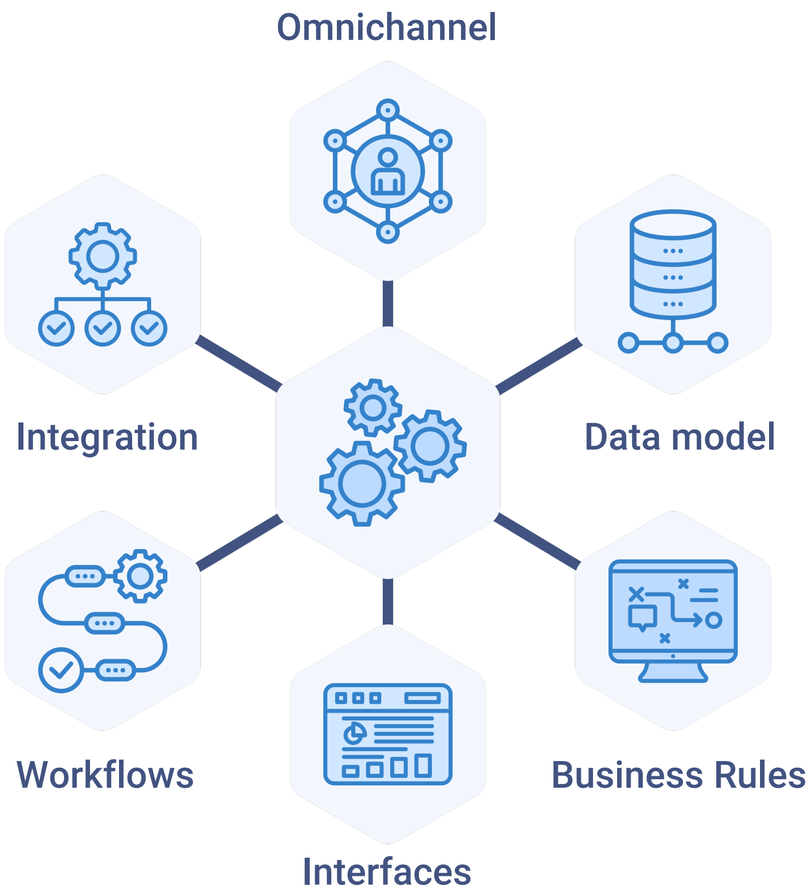
Aerotravel · SIGNAL IDUNA · RoRec · DENTAL CLINIC

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.

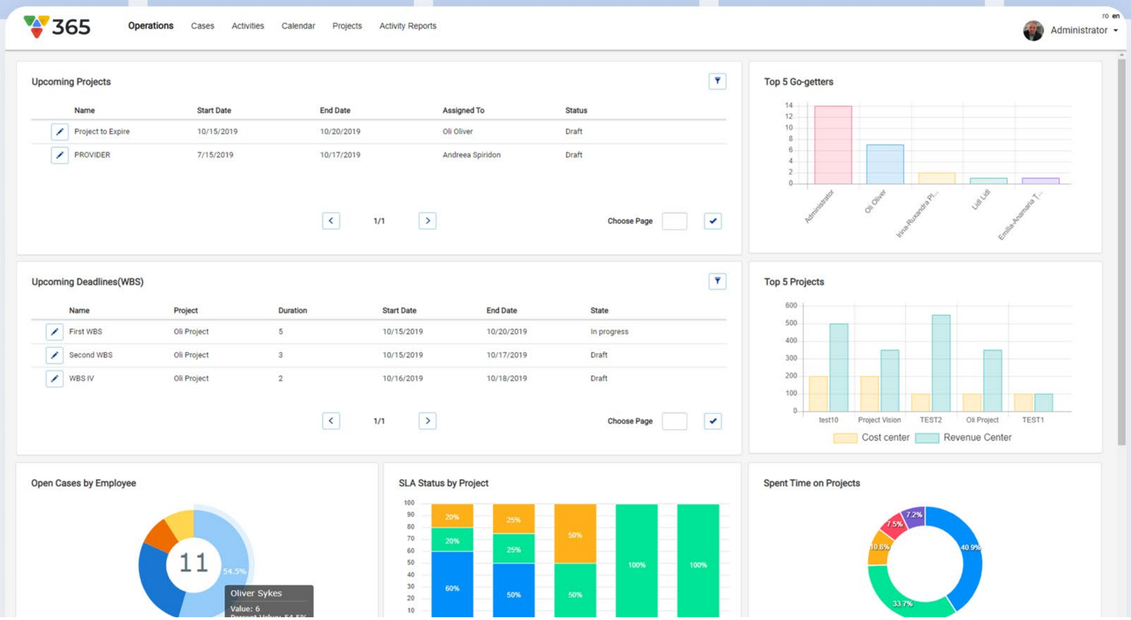
**Interface Visual Editor**
Generate responsive UI accessible from any web browser or mobile device. Build Single Page Applications providing a fluid, desktop-like user experience.

# 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

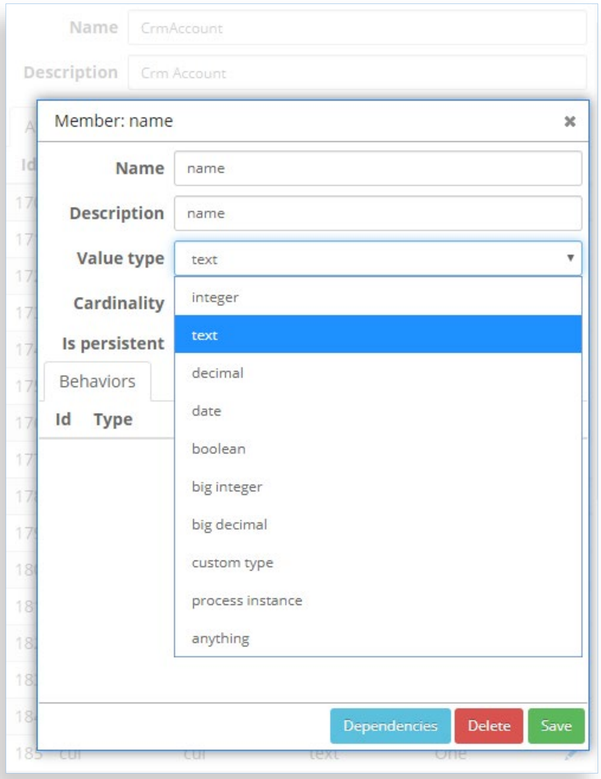
Graphic Data Modelling tool allowing you to create entities and entity relationship

### Data Repository

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

# Vision App Maker

## Application Development Factory

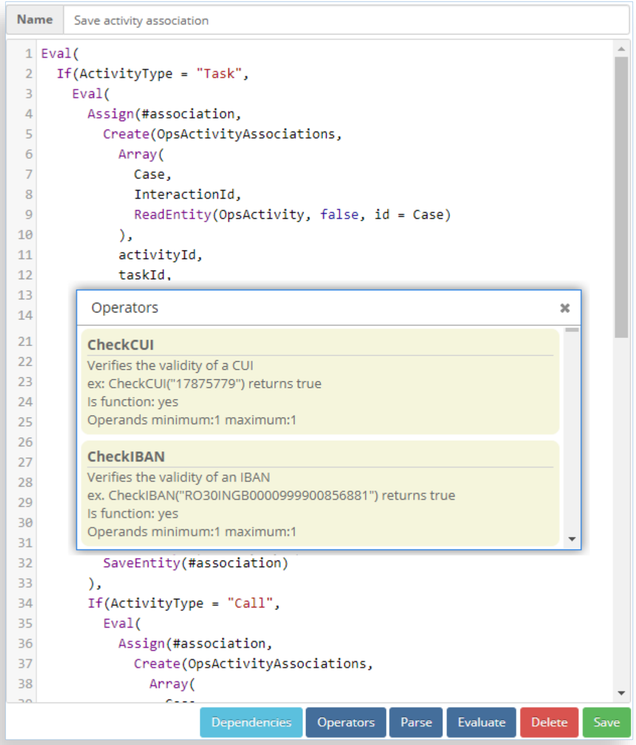



### Data Model 1

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.

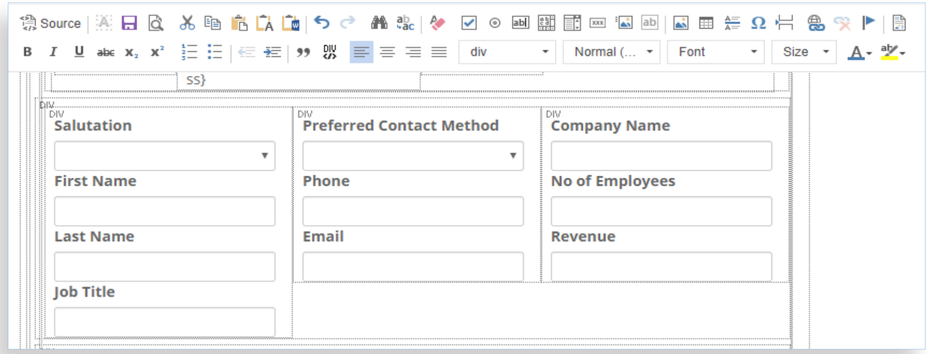
### Business Rules 2

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.).



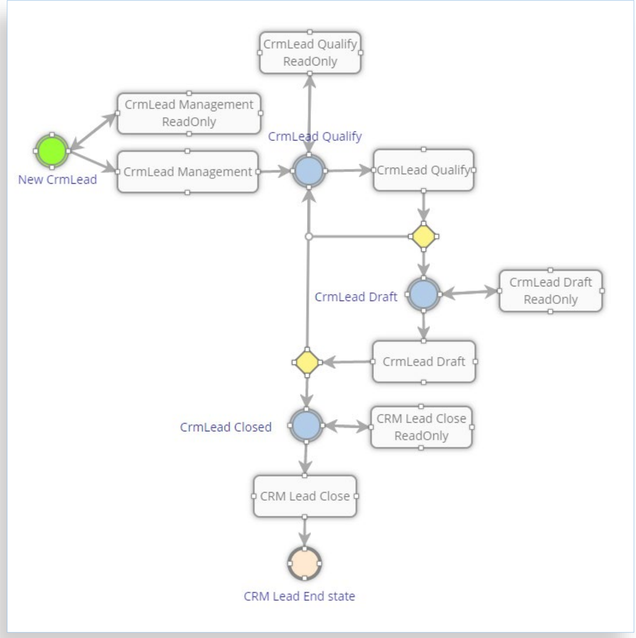

### Build User Interface 4

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.

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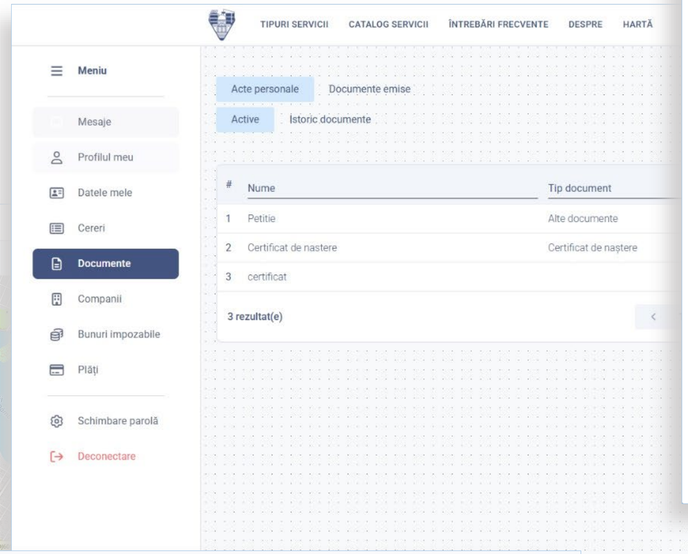
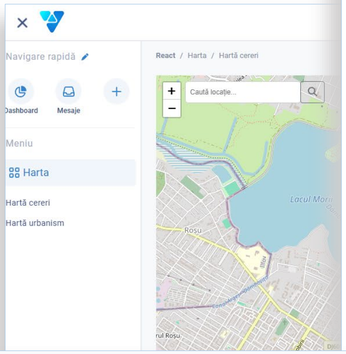
# Vision App Maker

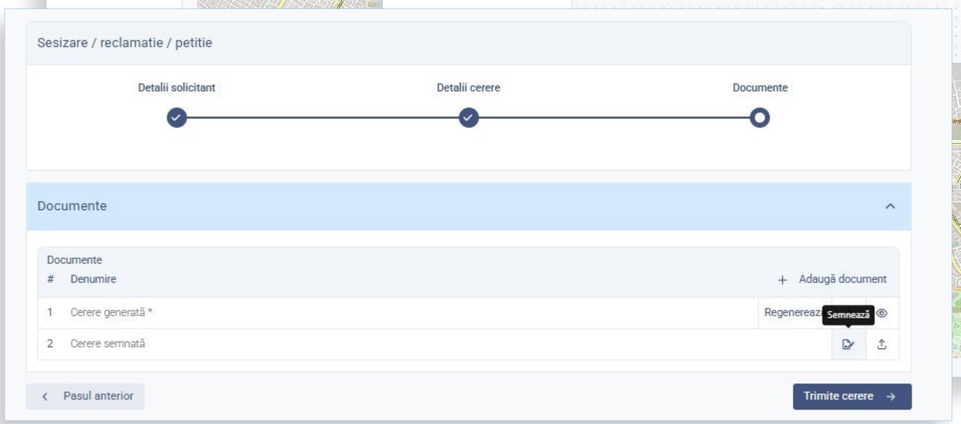
## Automation tools

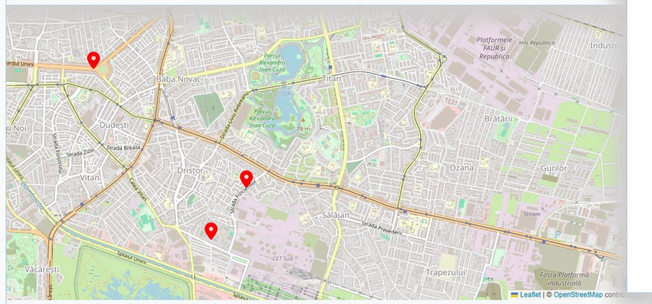
**Powerful automation tools included:**

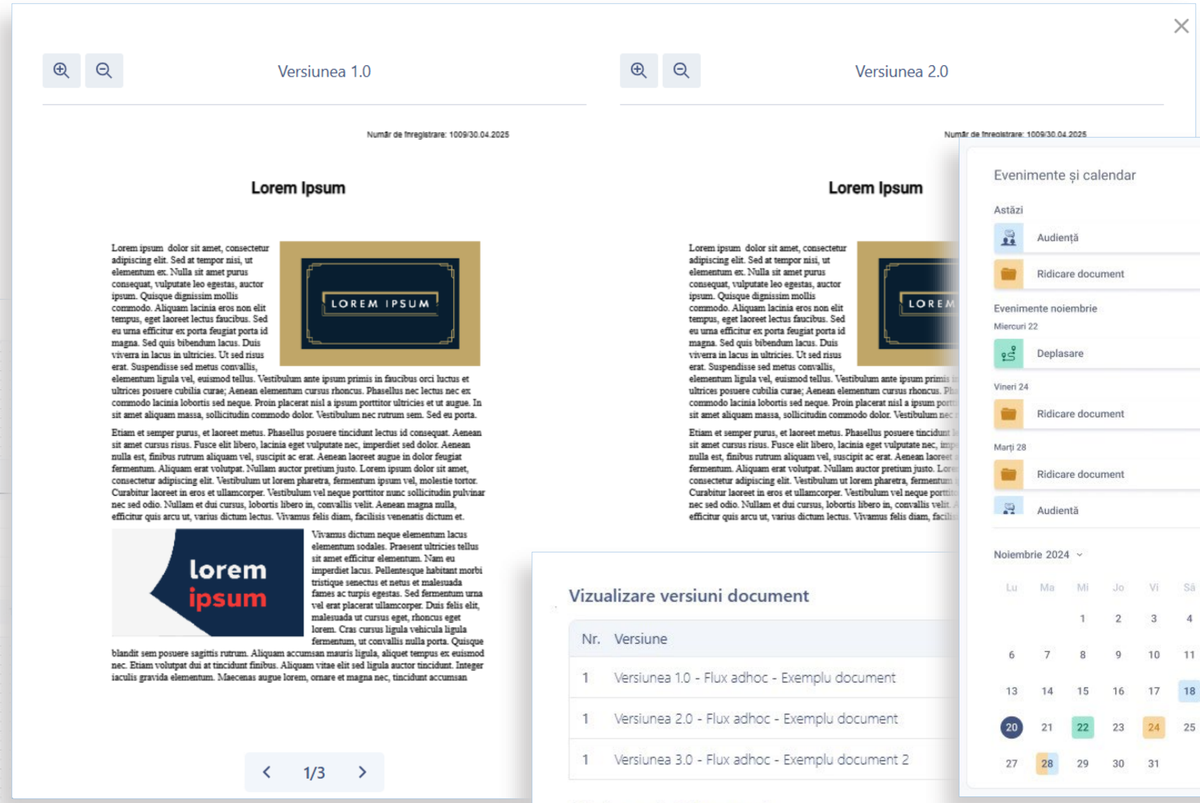
- Document versioning, editing and control
- Event and Calendar
- Electronic signature
- GIS
- IoT
- PDF documents generation
- Long term archiving

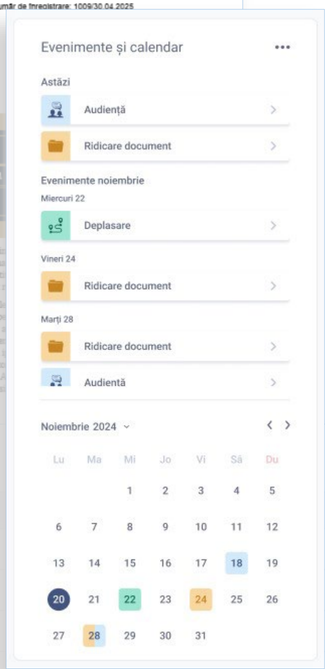


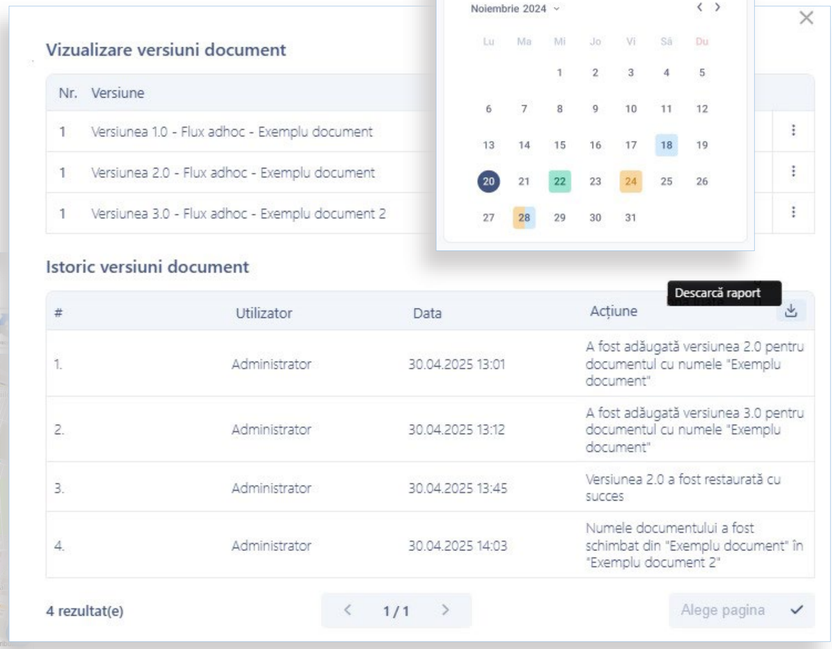



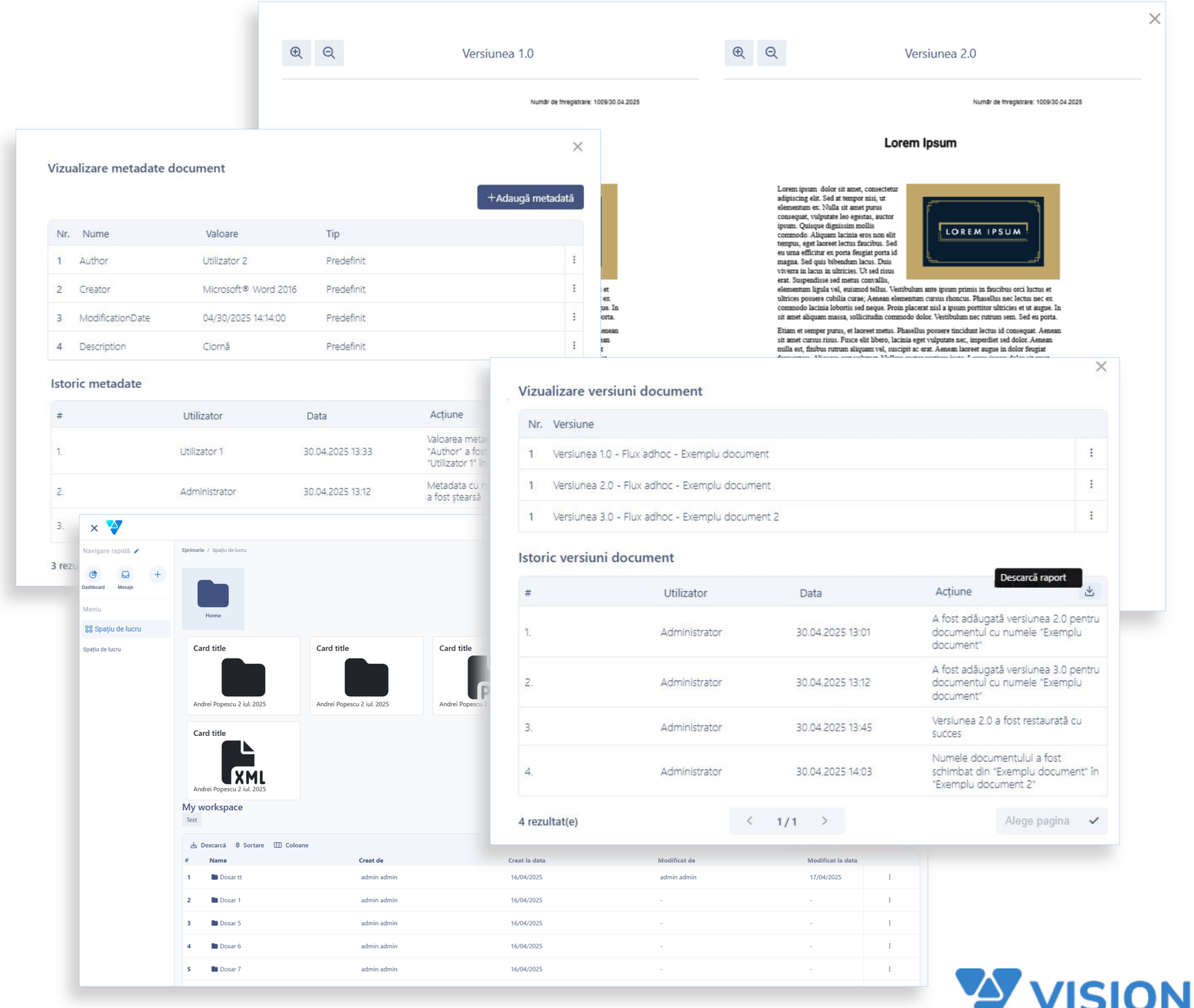



# Vision App Maker

## 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**

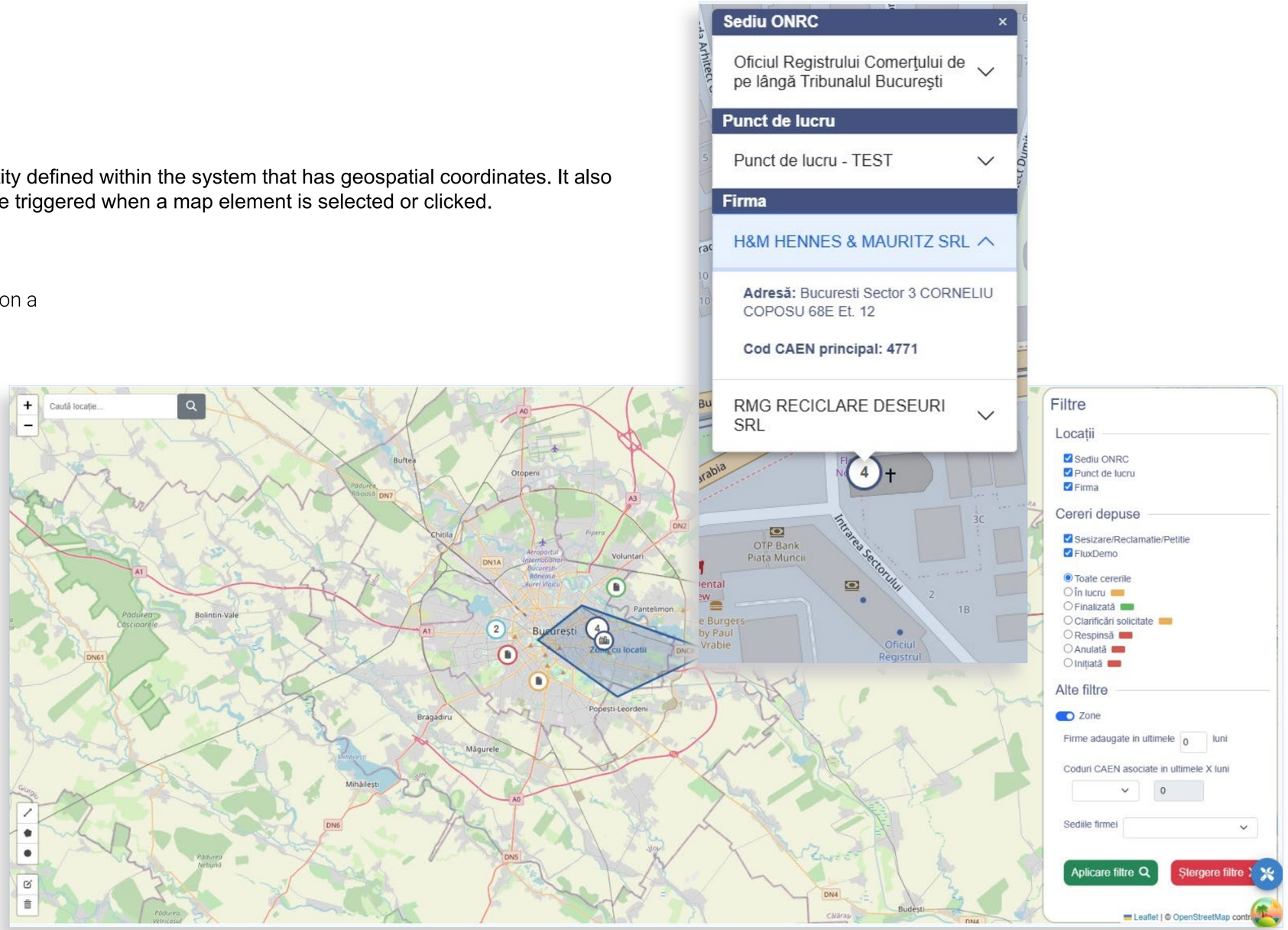
Highlight devices with alerts or specific events directly on the map for quick identification.

**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

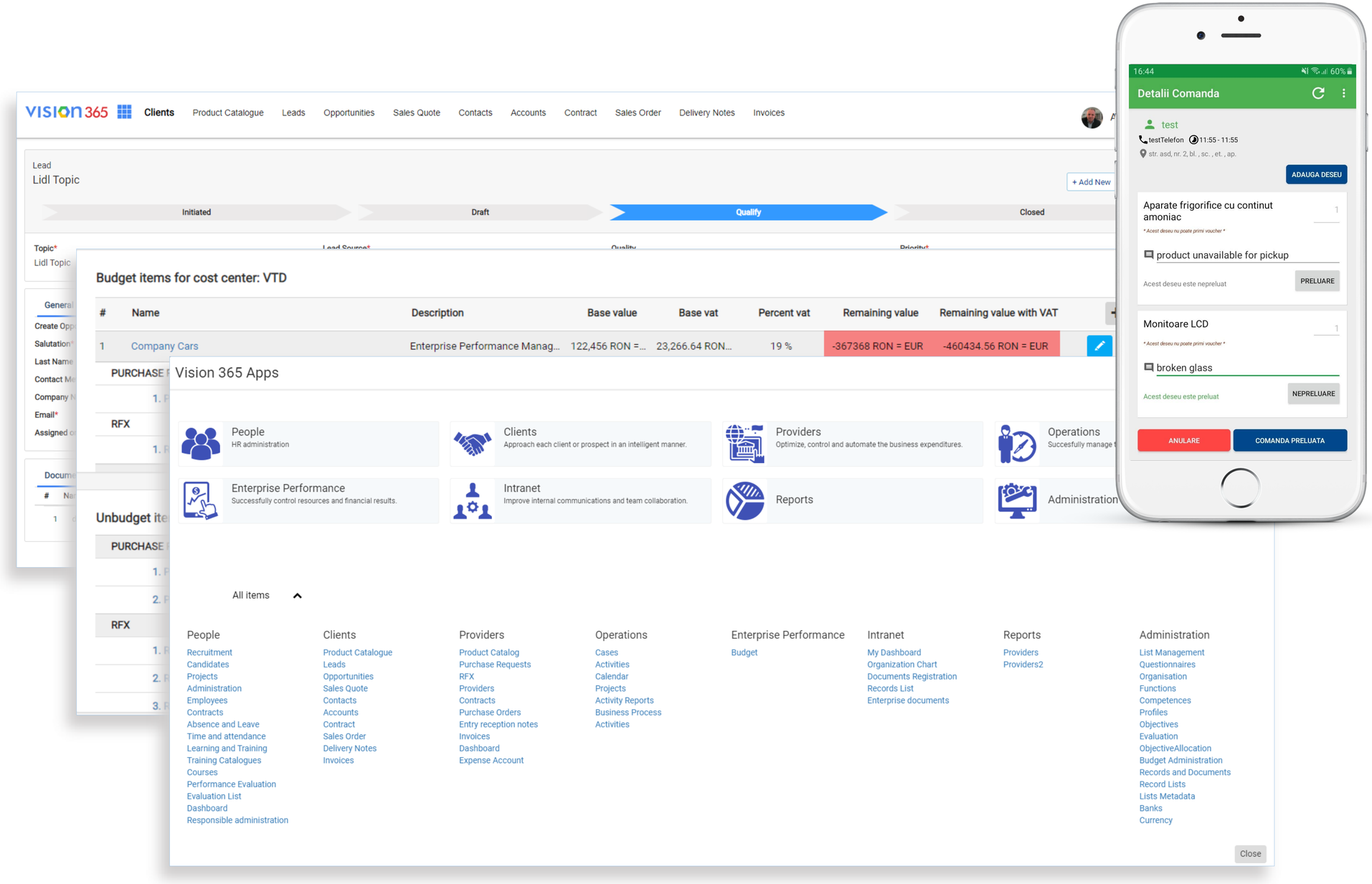
## Solutions

### 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:

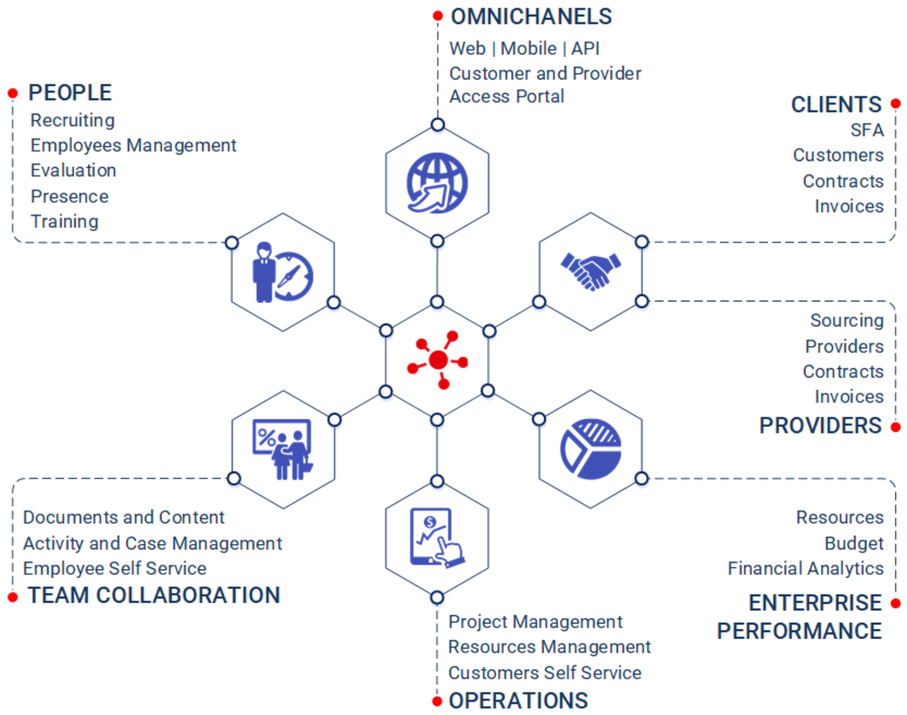
- Ticketing
- Contract Management
- Case Management
- Calendars
- Activity Management
- etc

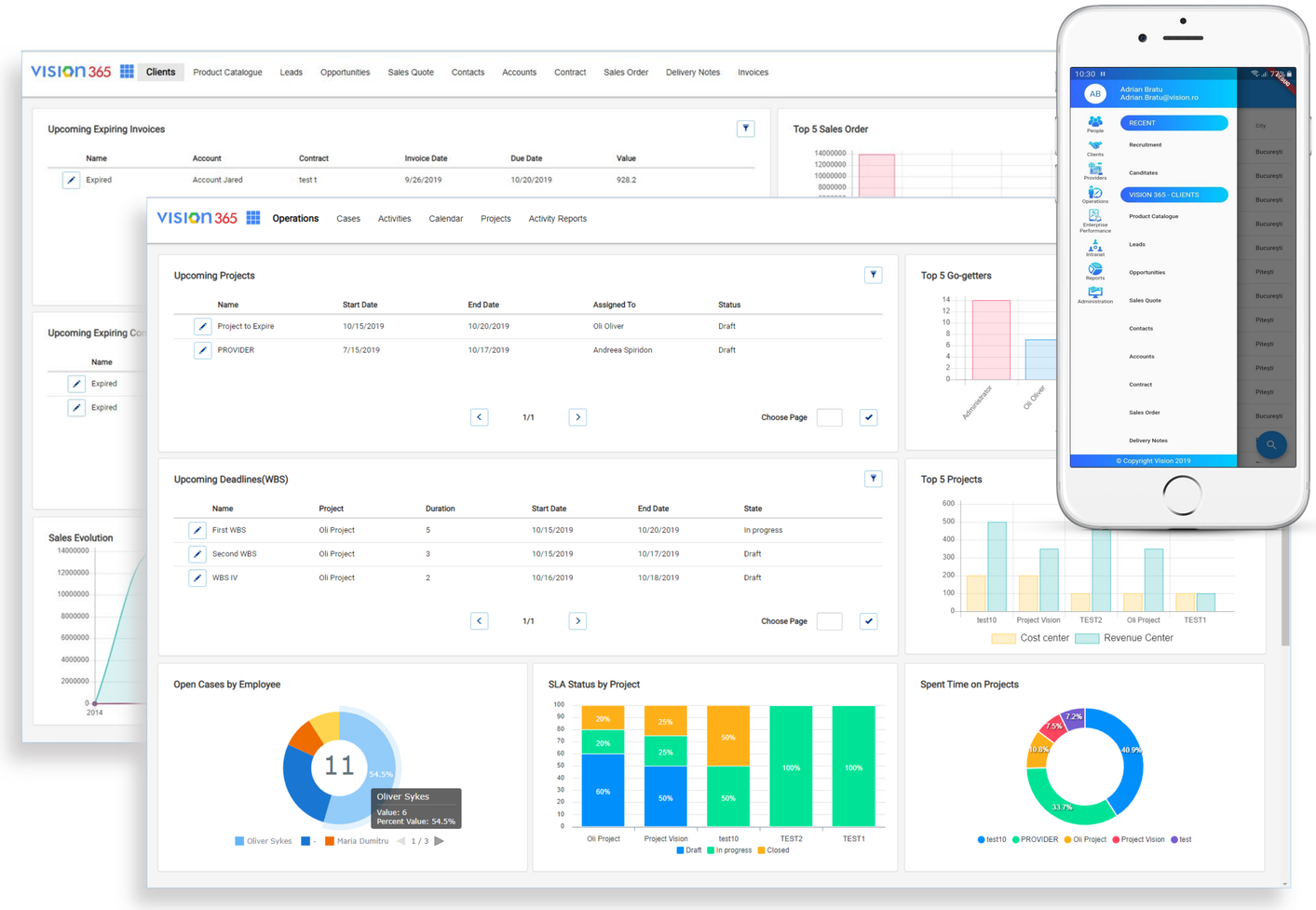


# Vision App Maker

## 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.



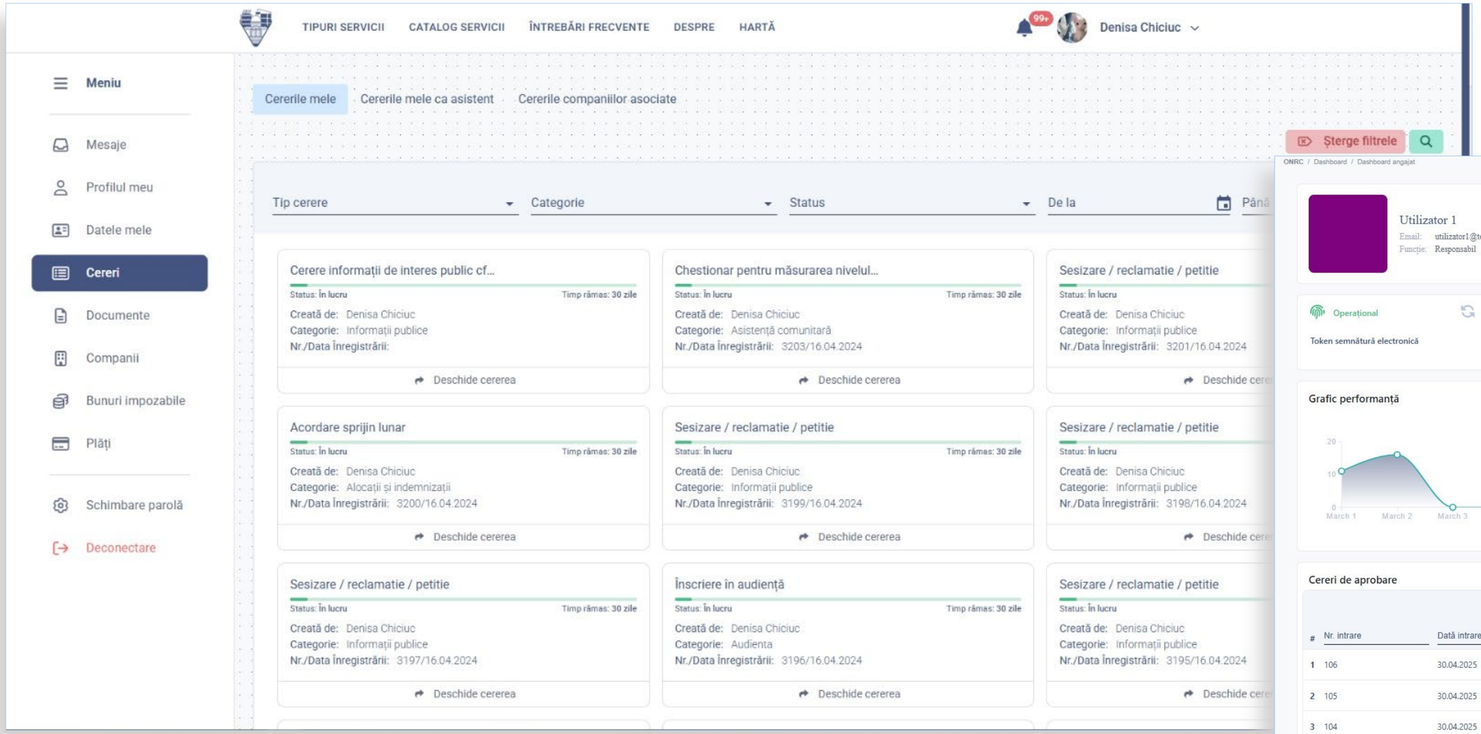



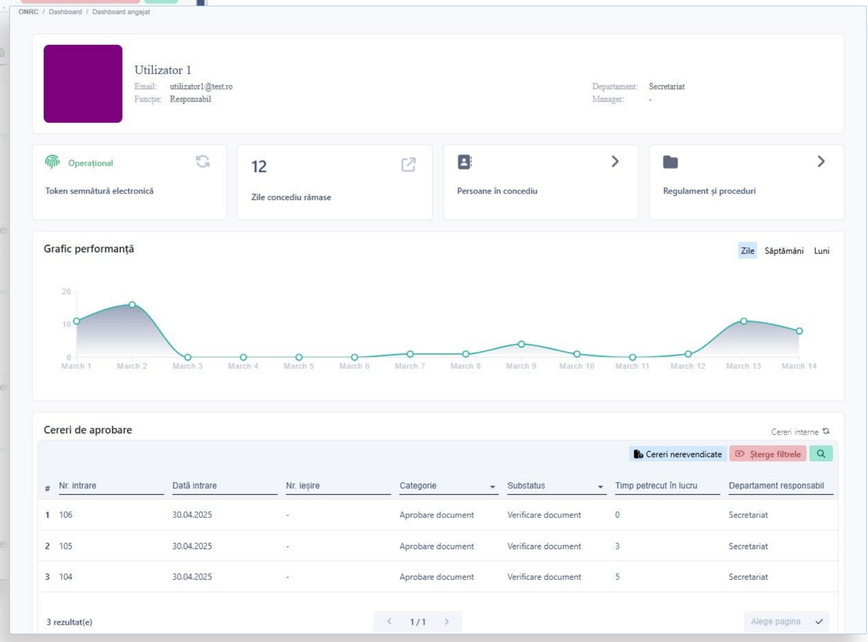

**Vision 365 Suite of Applications** offers a complete set of integrated features enabling any company to administer the human resources, automate the sales force and gaining new customers, control the cost and optimize the procurement processes, collaborate on project and delivering more efficient and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

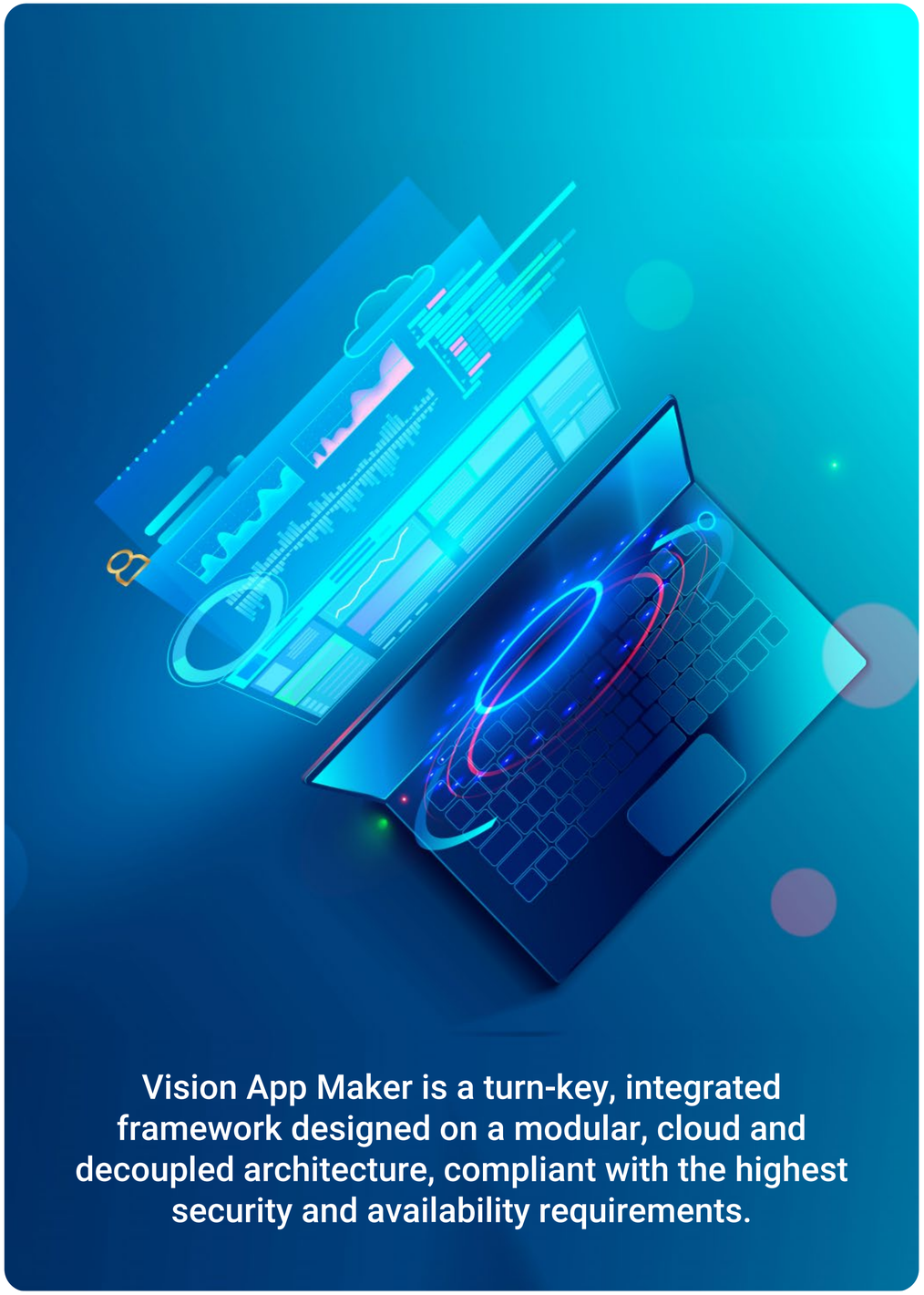
# Vision App Maker

## 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.





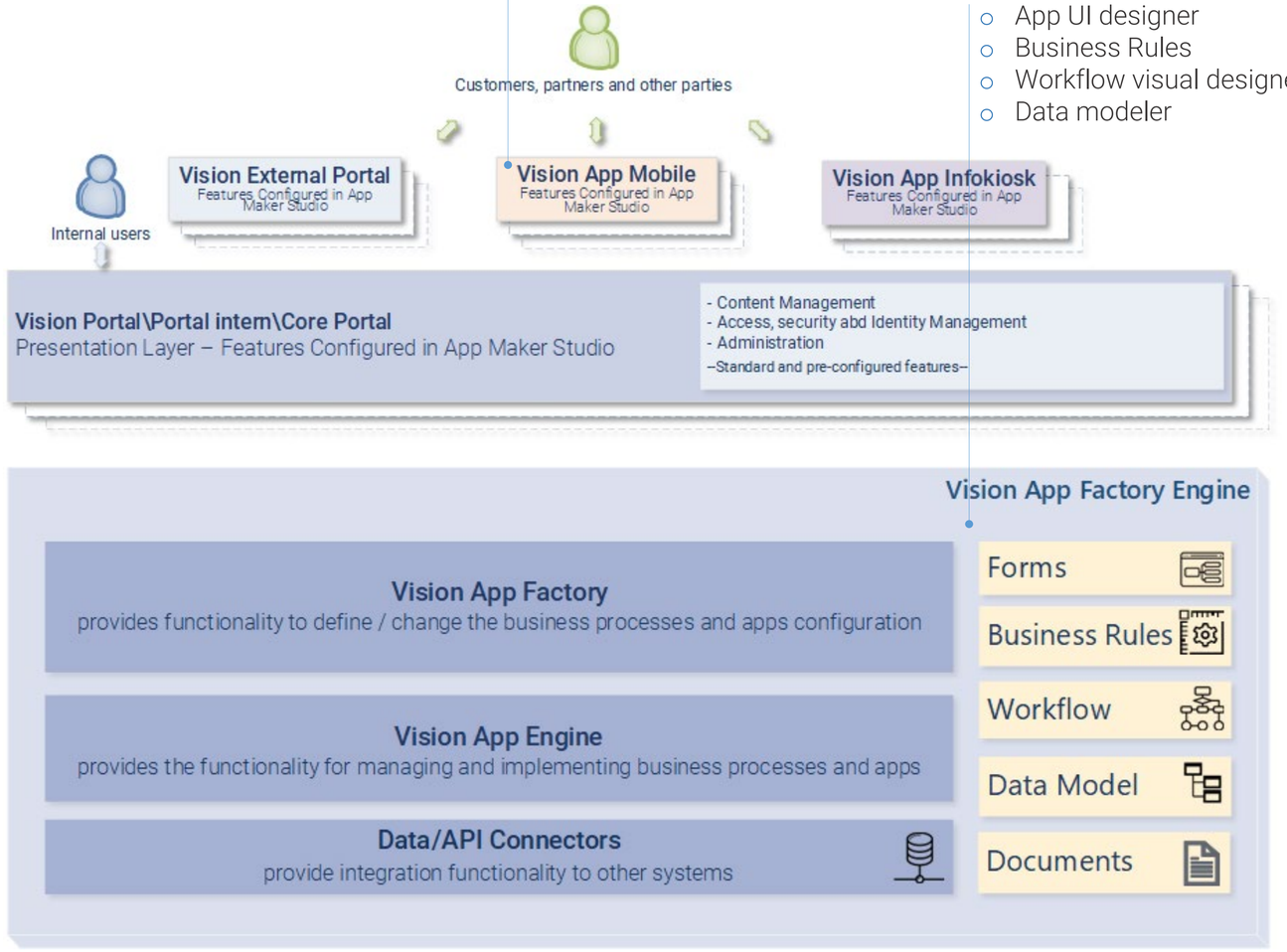
Vision App Maker is a turn-key, integrated framework designed on a modular, cloud and decoupled architecture, compliant with the highest security and availability requirements.

# Vision App Maker

## Architecture

- Omnichannel (external/internal portal, mobile, infokiosk)
- Public API access
- Internal and external purposes configurable topology

- App UI designer
- Business Rules
- Workflow visual designer
- Data modeler

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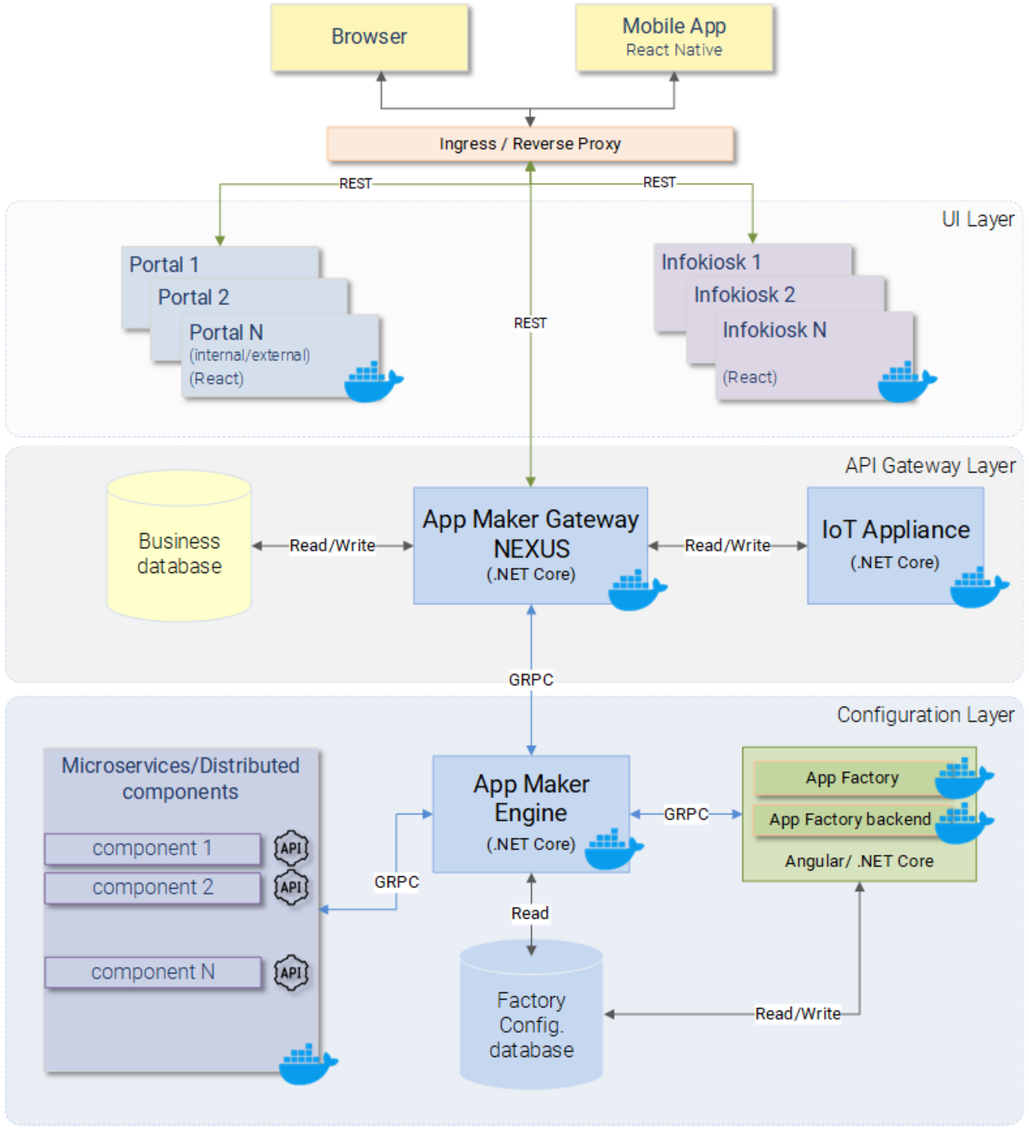
# Vision App Maker Suite

## Technology Stack



Vision App Maker components were developed with modern and appropriate technologies for each layer purpose: reliable back-end developed in .NET Core and flexible, responsive and rich front-end based on Java Script, React and Angular.

VISION

Enjoy the digital journey

+40 728 006 678
sales@vision.ro
www.vision.ro

Dr. Ernest Juvara 16, Sector 6, Bucuresti, România

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



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