Exceleron's Genie

LOW-CODE APPLICATION AND WORKFLOW PLATFORM

One model becomes your database, API and admin UI

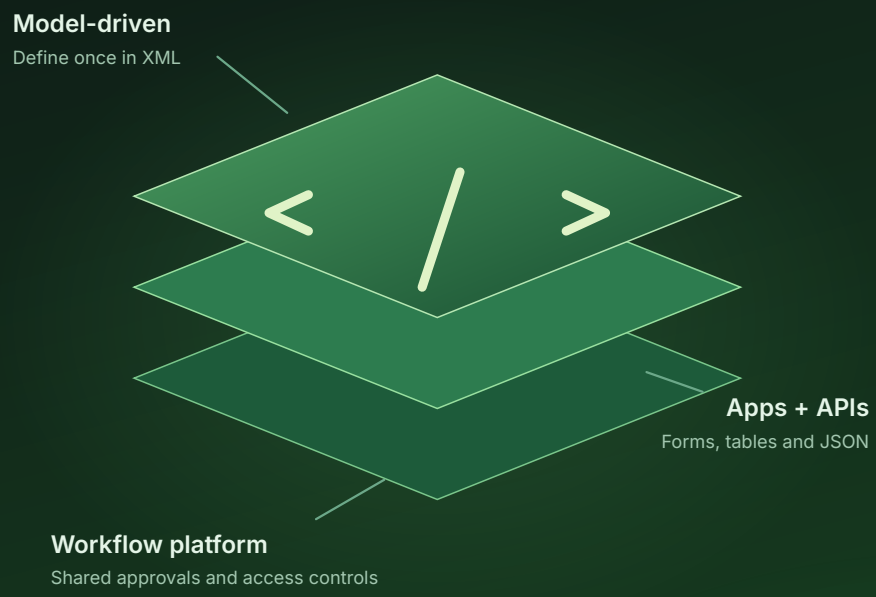
Genie is Exceleron's low-code framework. Teams describe an application in models, then Genie delivers the data layer, API, screens, wizards, workflows and reports.

WORKFLOW NODE TYPES
7

WIZARD NODE TYPES
5

DATABASE ENGINES
2

ON-PREM OR CLOUD
AI



Model-driven apps

Grids and forms from one view definition.

Workflow designer

Visual, versioned state machines.

Wizards

Guided forms with decisions and handoff.

OPERATIONAL CONTEXT

A clearer way to work

Genie is Exceleron's low-code framework. Teams describe an application in models, then Genie delivers the data layer, API, screens, wizards, workflows and reports.

01

Slow delivery

Every screen is built by hand.

02

Process drift

Business rules hide inside code.

03

Repeated security work

Every app rebuilds access control.

THE CHANGE IN DAILY OPERATIONS

Before	With Genie
— Hand-built screens	✓ Model-driven delivery
— Hidden business rules	✓ Visual workflows
— Repeated security code	✓ Built-in security
— Slow change	✓ Faster change
— Disconnected apps	✓ One platform

AN OPERATIONAL SCENARIO

From a model to a working application

A team needs a business application with consistent forms, tables and approval steps. XML models describe the application, while the React UI consumes structured JSON APIs.

One	Visual	3	MCP
Model, whole app	Workflows	Approval modes	Developer tooling

CAPABILITIES 1

The capabilities that do the work

Explore the core functions of Exceleron's Genie and the operational tasks they support.

01

Model-driven apps

Grids and forms from one view definition.

02

Workflow designer

Visual, versioned state machines.

03

Wizards

Guided forms with decisions and handoff.

04

Report designer

Report pages for operations.

05

Security

RBAC, tenant filtering, MFA and JWT.

06

AI assistant

Ask data in plain language, within permissions.

DESIGNED AROUND THE USERS

CIOs Faster delivery.

Developers Models, plus code when needed.

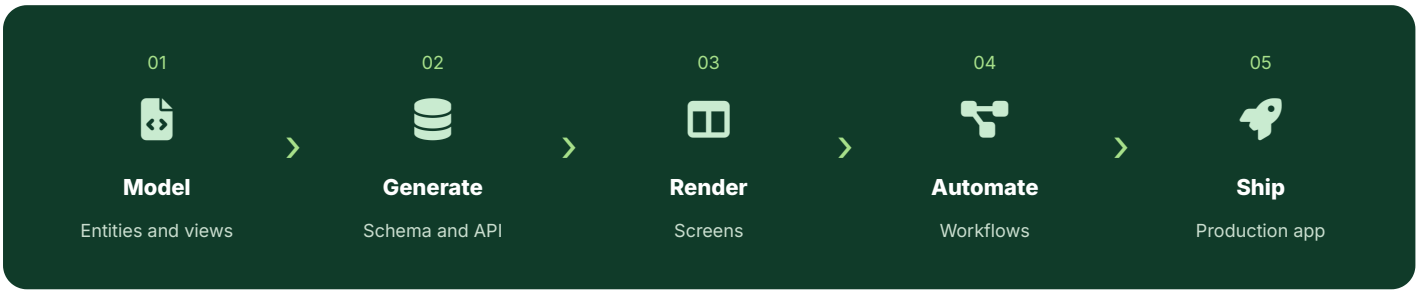
Analysts Visible process logic.

Operations Controlled approvals.

WORKFLOW

From the first step to the outcome

A connected sequence makes the handoffs and responsibilities easier to follow.



01 **Describe**
Write entity, view and navigation models.

02 **Generate**
Create the data model and migrations.

03 **Design**
Build wizards and workflows visually.

04 **Integrate**
Use webhooks with OAuth2 and retries.

05 **Operate**
Run on SQL Server or PostgreSQL.

A PRACTICAL WALKTHROUGH

From a model to a working application

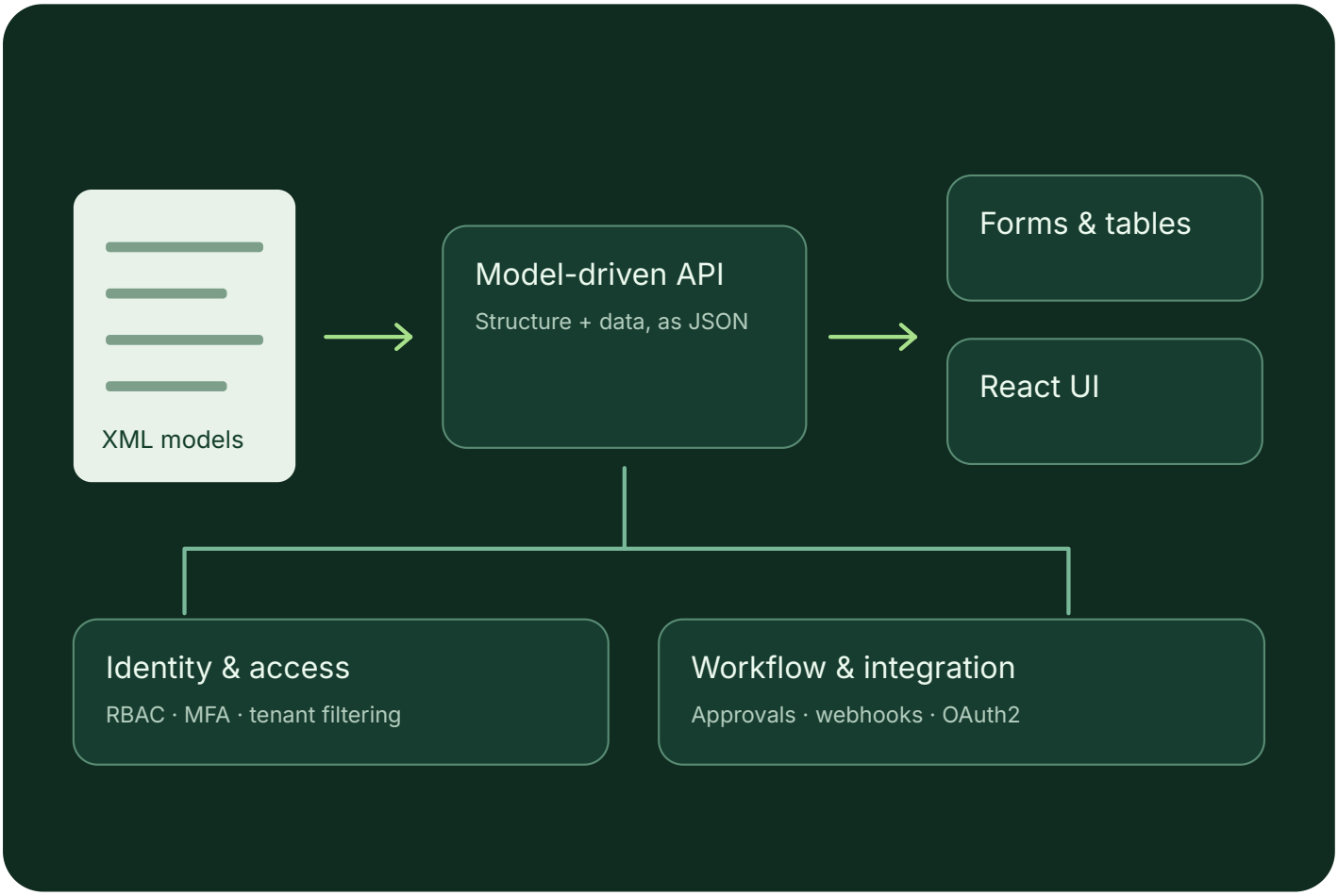
A team needs a business application with consistent forms, tables and approval steps. XML models describe the application, while the React UI consumes structured JSON APIs.

Walk through a model change, inspect its generated interface and follow a versioned approval workflow. Review roles and tenant filtering with the people who will own access.

ARCHITECTURE & HANDOFFS

Models become the application

One model definition connects the database, API and user interface. Shared platform services support the resulting application.



Conceptual product flow · Exceleron's Genie

01

XML models define forms, tables and application structure.

02

The JSON API connects the model-driven UI to application data.

03

Access controls, workflows and integrations are shared platform capabilities.

DISCUSS YOUR ENVIRONMENT

Confirm the source systems, responsibilities and integration boundaries during the walkthrough. The diagram explains the product concept; the deployment scope is agreed for your environment.

TECHNOLOGY 1

Understand the connected pieces

Formats, protocols and tools in the product scope, with plain-language explanations for technical and business readers.

XML models

Discuss XML models in the context of your environment during the technical walkthrough.

React UI

Discuss React UI in the context of your environment during the technical walkthrough.

JSON API

Discuss JSON API in the context of your environment during the technical walkthrough.

SQL Server

Microsoft relational database.

PostgreSQL

Discuss PostgreSQL in the context of your environment during the technical walkthrough.

Redis

Discuss Redis in the context of your environment during the technical walkthrough.

Webhooks

Discuss Webhooks in the context of your environment during the technical walkthrough.

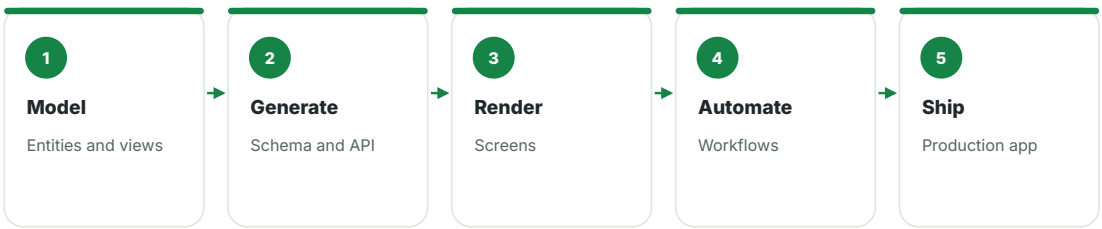
OAuth2

Discuss OAuth2 in the context of your environment during the technical walkthrough.

MCP

Discuss MCP in the context of your environment during the technical walkthrough.

THE GENIE OPERATING FLOW



INTEGRATION PLANNING

Agree the source systems, supported versions, data ownership and access requirements during discovery. Validate the relevant interfaces against your environment before production rollout.

ASSURANCE & NEXT STEPS

Prepare for a successful rollout

Match the product scope to your people, systems and operating requirements.

PRODUCT ASSURANCE

- RBAC and tenant filtering
- Multi-factor authentication
- RS256 signed tokens
- Versioned workflows

PLAN THE ENGAGEMENT

01

Discover

Review your current process, source systems, users and constraints. Identify the operational problem the first phase should solve.

02

Demonstrate

Walk through a model change, inspect its generated interface and follow a versioned approval workflow. Review roles and tenant filtering with the people who will own access.

03

Validate

Agree the applicable product scope, access controls, integration checks and acceptance criteria. Confirm deployment and support responsibilities.

04

Handover

Plan user guidance, operational ownership and support contacts. Confirm the reporting cadence and review process for the agreed scope.

START A CONVERSATION

Explore Genie with our team.

Bring your operational scenario. We will walk through the relevant workflow and discuss a suitable scope.

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