



# ContentGrid Webinar September 19th 2024

# Who are we ?



**Ronny Timmermans**

Managing Director



**Jean-François Declercq**

Chief Solution Officer



**Ludo Wijgaerden**

Chief Revenue Officer



**Thijs Lemmens**

Chief Technology Officer

<https://contentgrid.com/resources/about-us/>

# Why ContentGrid?

- Xenit
  - Alfresco ECM integrator since 2007
  - Top 10 worldwide for Managed services & scaling Alfresco (RUN)
  - Open source friends (Postgres, Spring, Elastic, ..)
- Since 2007, ECM has split in
  1. Collaboration (Microsoft 365)
  2. “transactional & system of record”
- SaaS is the future, even “Bring your own cloud”
  - Cloud native, API first, AI friendly
  - Control the code = guarantee quality end-to-end
- ContentGrid = Scaling into 10, 100 million and billion+ archives : “Active Archive”



**Cloud and AI are transforming archives into intelligent information assets.  
Meet ContentGrid (CG), our Cloud native, API first & AI friendly content service platform.**

During this launch webinar, we cover:

- A semantic foundation for an outstanding search experience
- Attribute based access control brings governance back
- Scaling cost down and performance up (benchmark)
- Integrate safely with business applications (SalesForce connector)
- Generation of unique apps in SaaS or "bring your own cloud"

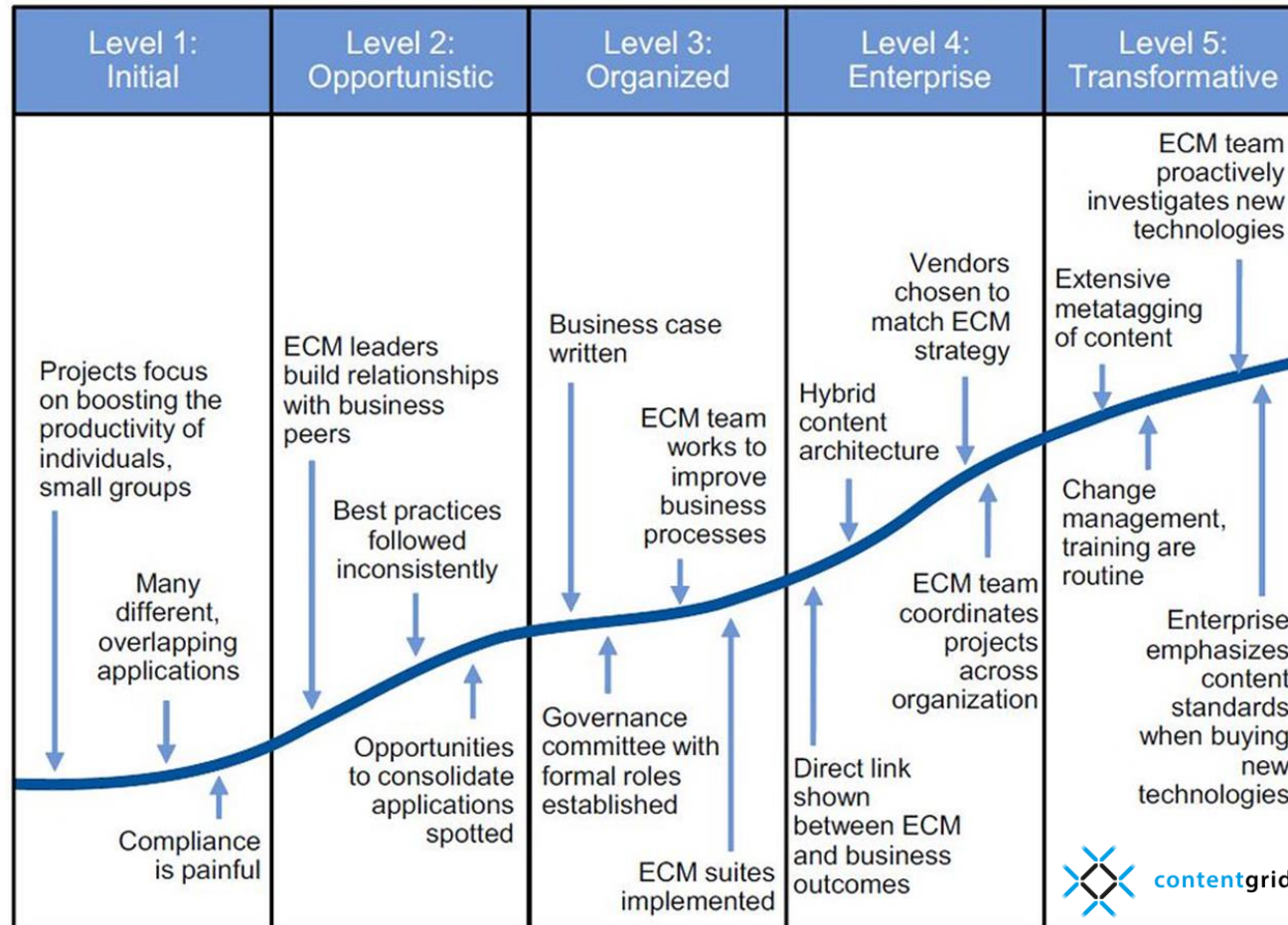


**ContentGrid** is an open source platform that welcomes educated customers, integrators and co-creators to transform their content services into intelligent information management.

Join the webinar to discover CG and discuss your needs and vision.

# ECM Maturity

Figure 1. The Gartner ECM Maturity Model



Source: Gartner (January 2013)

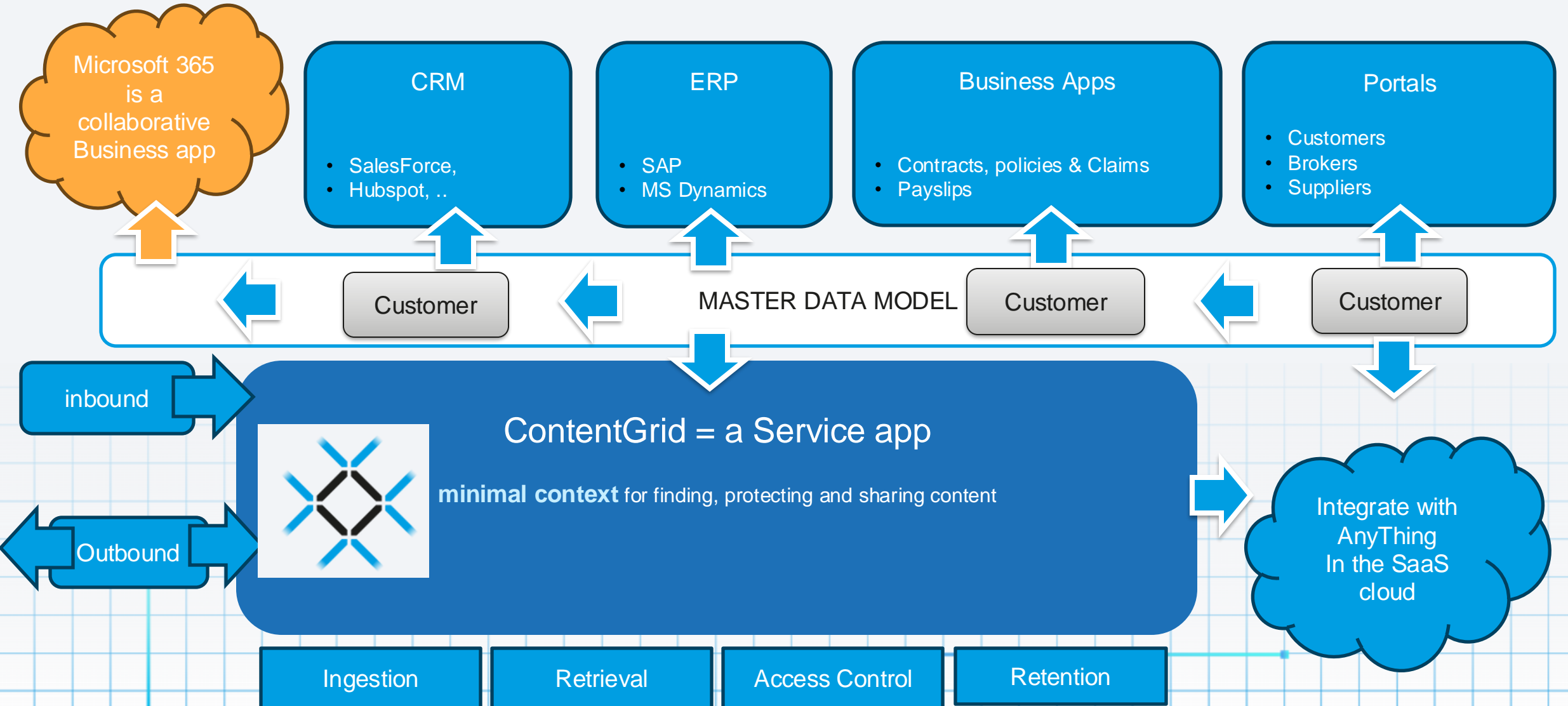
- Organisation wide
- Consolidated
- Integrated with business
- Change is routine
- Standards

And ...

- Extensive Meta-tagging

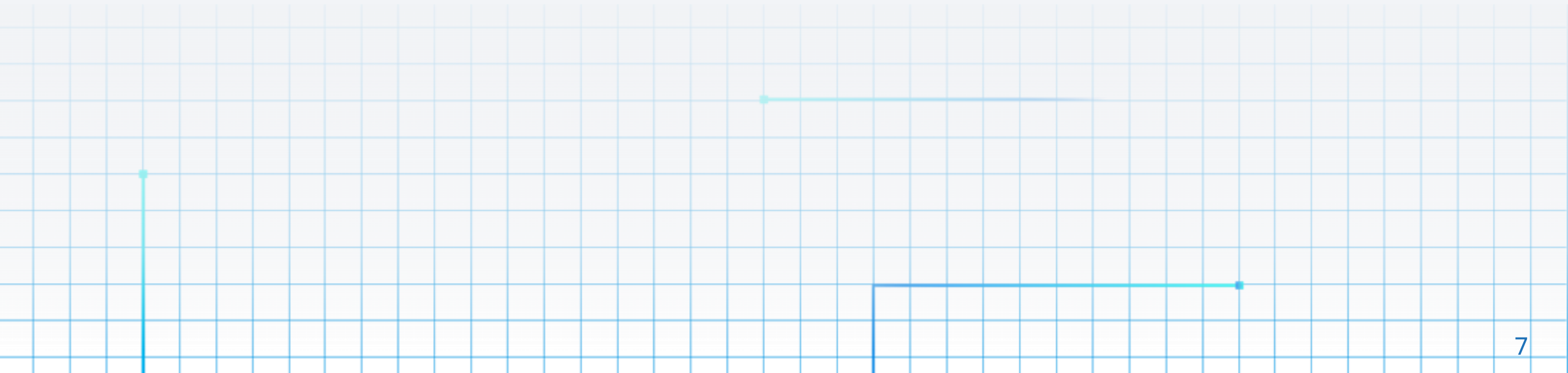


# Positioning : Where does CG fit in?





# Concepts



## Management Platform

- Console frontend
- Organizations
  - Members
- Projects
- Blueprint
  - Data model
  - Permissions
  - Automations
  - Releases
- Applications
  - Deployments
- IAM
  - Users
  - Groups
  - Attributes

## Runtime Platform

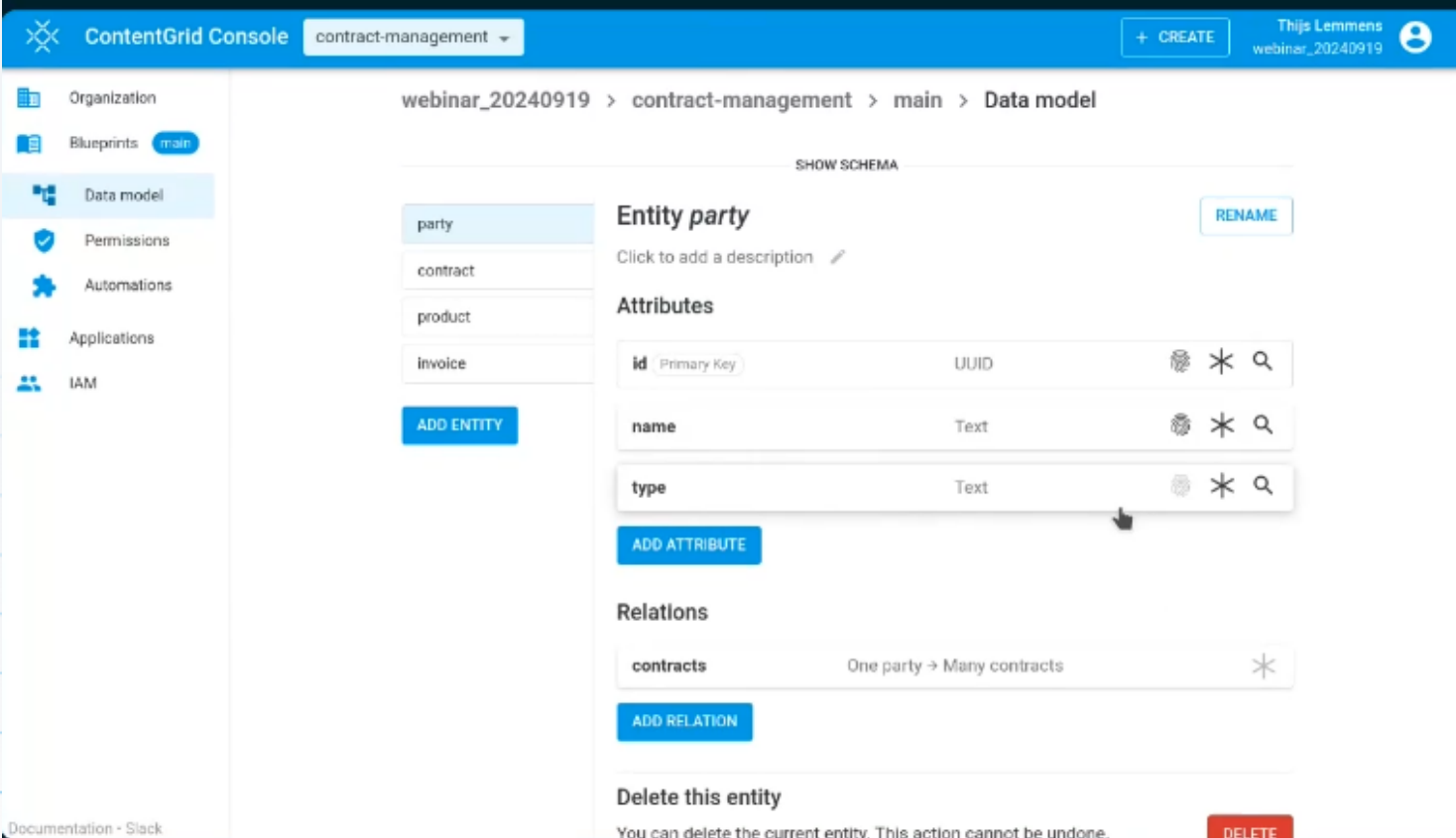
- Navigator frontend
- API Gateway
- Authentication
- Authorization
- Webhooks
- Usage metrics
- **Running applications:**
  - **API**
  - **Database**
  - **Object storage**



# Demo Time!

See the recording

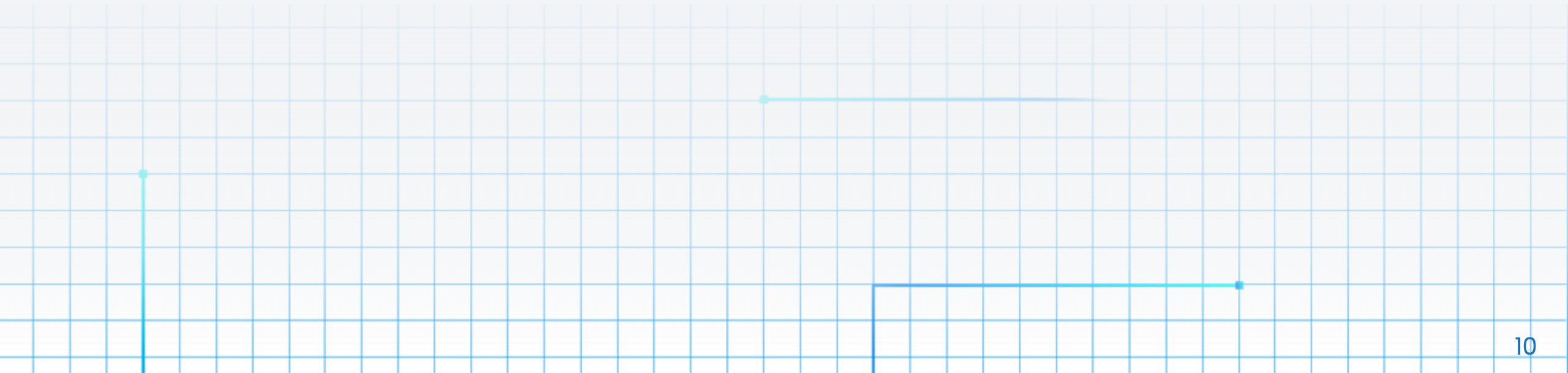
[Click to View webinar](#) and jump to minute 16:00



The screenshot displays the ContentGrid Console interface for configuring a data model. The breadcrumb path is `webinar_20240919 > contract-management > main > Data model`. The left sidebar contains navigation options: Organization, Blueprints (main), Data model (selected), Permissions, Automations, Applications, and IAM. The main content area shows the configuration for the `party` entity. It includes a list of entities (party, contract, product, invoice) and an `ADD ENTITY` button. The `party` entity details are shown, including a `RENAME` button and a description field. The `Attributes` section lists `id` (Primary Key, UUID), `name` (Text), and `type` (Text), each with edit, delete, and search icons. An `ADD ATTRIBUTE` button is present. The `Relations` section shows a relationship with `contracts` (One party → Many contracts) and an `ADD RELATION` button. At the bottom, there is a `Delete this entity` section with a `DELETE` button and a warning: "You can delete the current entity. This action cannot be undone."

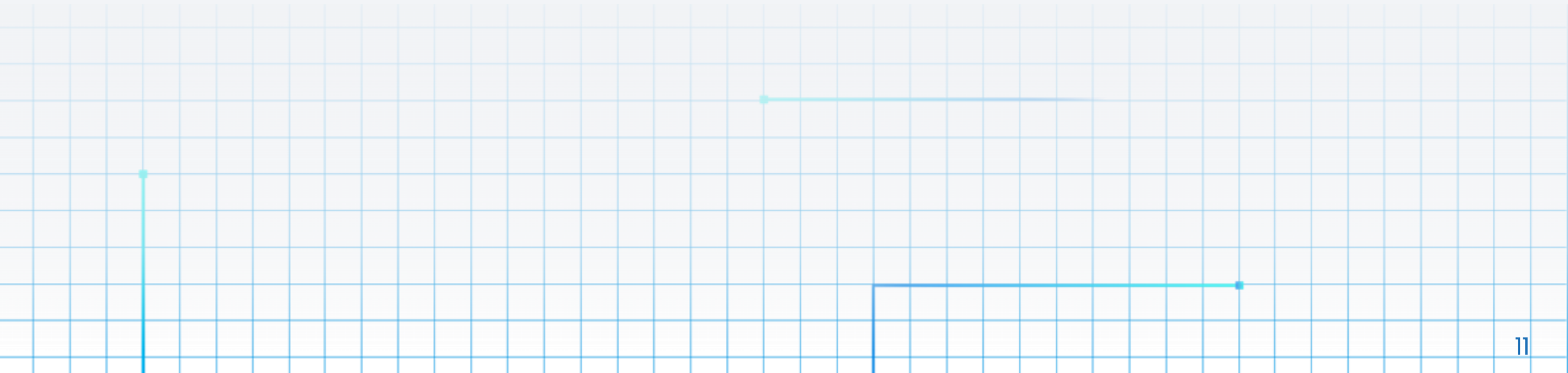


# Performance



# 100M Docs Query Performance

- Based on statistics of real customer dataset & query patterns
- Database: 8vCPU/32GB RAM
- Application server: 8vCPU/32GB RAM



# 100M docs query performance

- 100M records total; 58M table
- 25 concurrent requests
- 100 documents per page

	< 100 docs	0 docs	100+ docs (page 1)	100+ docs (page 2)
<b>Avg. response time</b>	60 ms	10 ms	250 ms	240 ms
<b>99 perc. response time</b>	~150 ms	~25 ms	~300 ms	~350 ms
<b>Request rate</b>	406 req/s	2885 req/s	101 req/s	103 req/s

# 500M Ingestion performance

- Database: 16vCPU / 64GB RAM
- Gateway: 2x 4vCPU / 2GB RAM
- API: 2x 8vCPU / 6GB RAM
- File size: +- 1kB
- **Ingestion rate: 500 – 900 docs/s**





# ContentGrid Integration

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## example

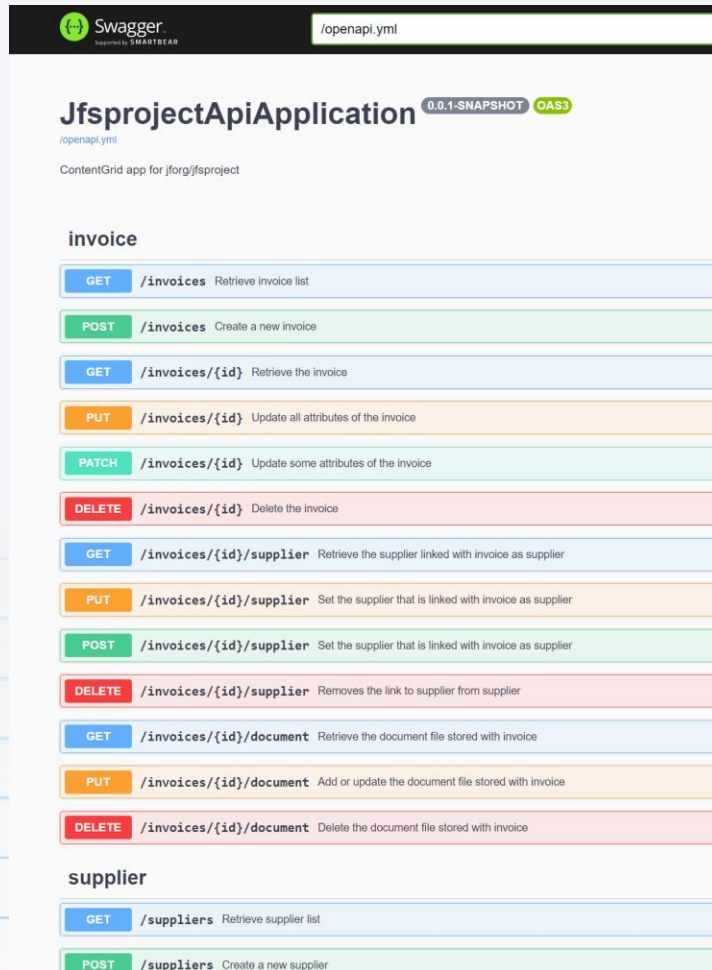
In collaboration with



<https://success-craft.com/>



# Demo: ContentGrid Runtime – API



The screenshot shows the Swagger UI for the application 'JfsprojectApiApplication' (version 0.0.1-SNAPSHOT, OAS3). The interface lists two main API groups: 'invoice' and 'supplier'. Each group contains several endpoints with their respective HTTP methods and descriptions.

Method	Endpoint	Description
GET	/invoices	Retrieve invoice list
POST	/invoices	Create a new invoice
GET	/invoices/{id}	Retrieve the invoice
PUT	/invoices/{id}	Update all attributes of the invoice
PATCH	/invoices/{id}	Update some attributes of the invoice
DELETE	/invoices/{id}	Delete the invoice
GET	/invoices/{id}/supplier	Retrieve the supplier linked with invoice as supplier
PUT	/invoices/{id}/supplier	Set the supplier that is linked with invoice as supplier
POST	/invoices/{id}/supplier	Set the supplier that is linked with invoice as supplier
DELETE	/invoices/{id}/supplier	Removes the link to supplier from supplier
GET	/invoices/{id}/document	Retrieve the document file stored with invoice
PUT	/invoices/{id}/document	Add or update the document file stored with invoice
DELETE	/invoices/{id}/document	Delete the document file stored with invoice
GET	/suppliers	Retrieve supplier list
POST	/suppliers	Create a new supplier

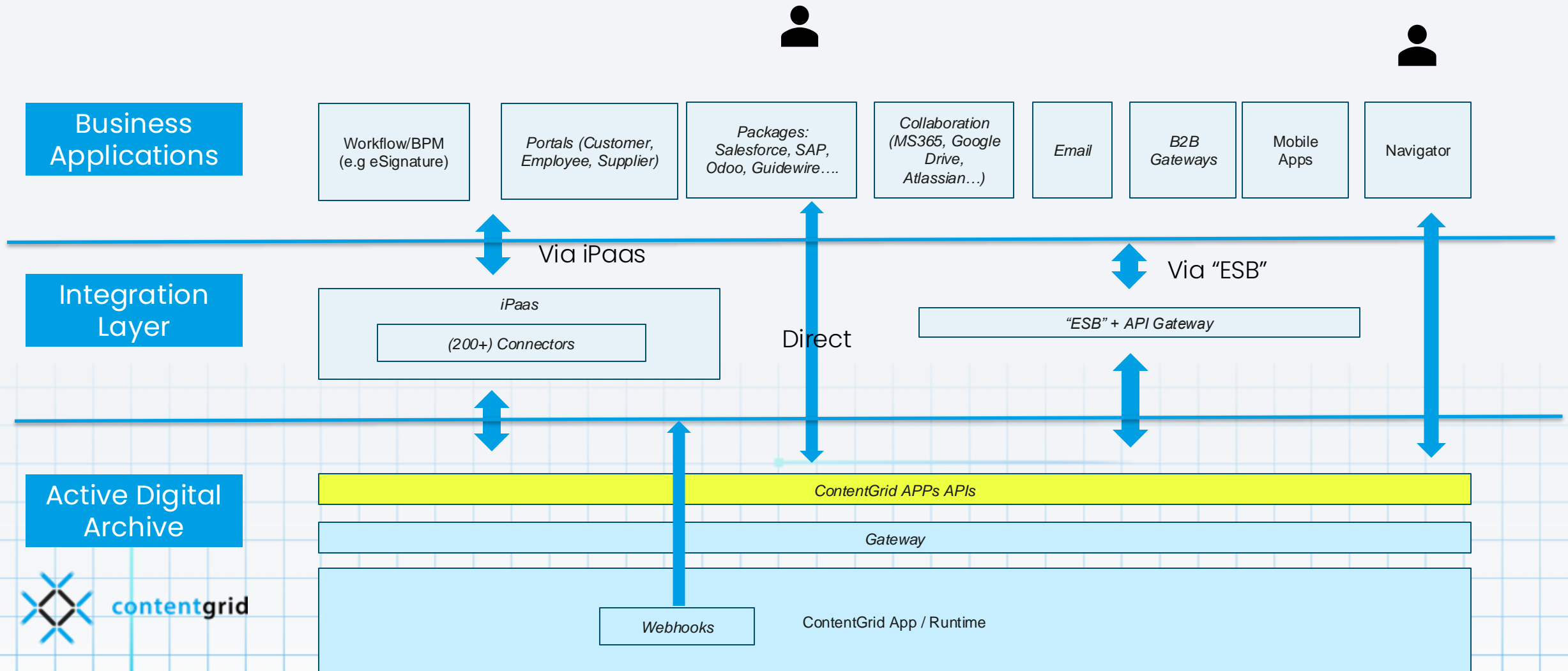
From the Blueprint Data Model  
(Information Model),

“Business” “Entity” APIs are  
automatically generated from the  
console.

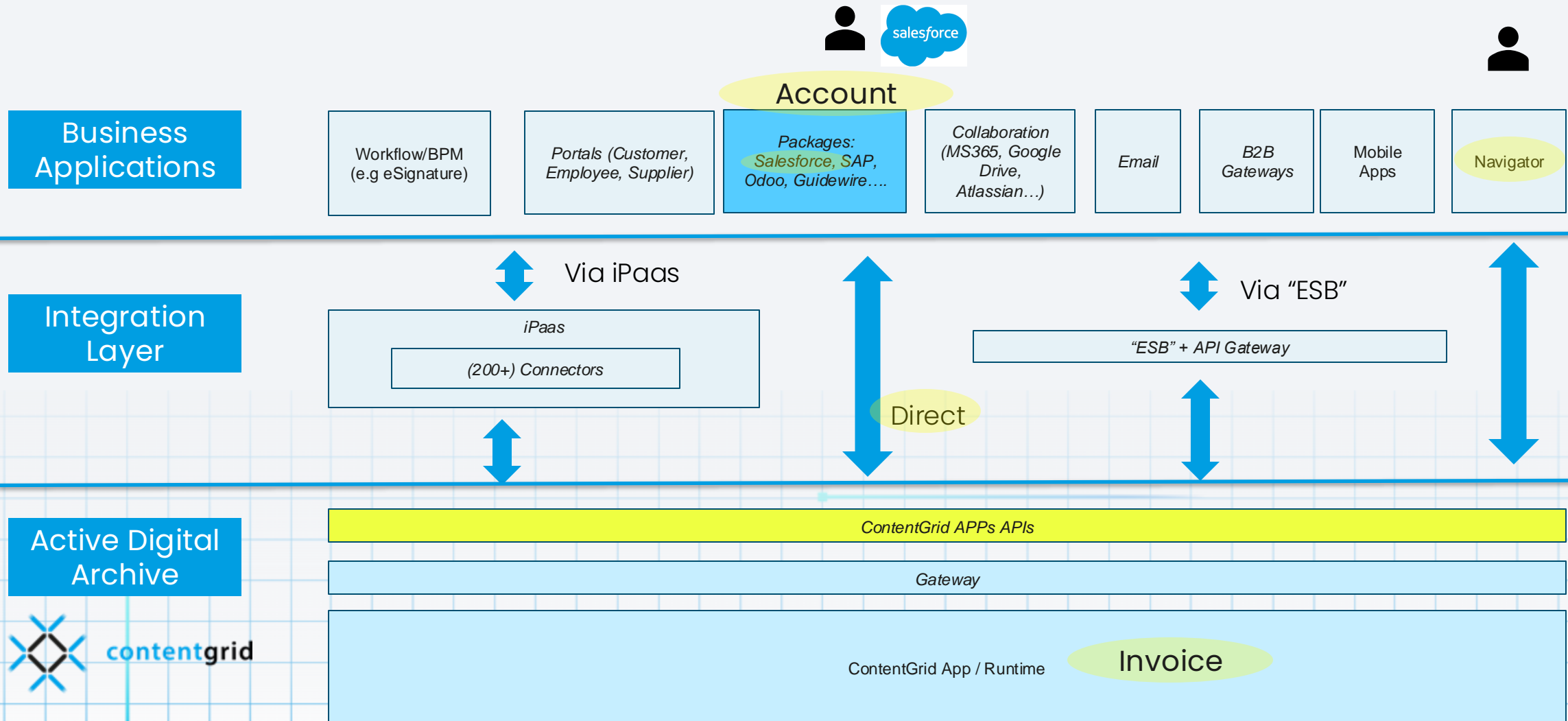
<https://console.contentgrid.com/successcraft/sfintegration/~applications/sfintegration/~overview>

<https://a42357ef-268f-4a0e-9739-8760f15742c7.eu-west-1.contentgrid.cloud/webjars/swagger-ui/index.html>

# Integration with ContentGrid APIs and Webhooks



# ContentGrid APIs : Salesforce example



# Salesforce displays content from ContentGrid

The screenshot shows the Salesforce interface for an account named "Alibaba inc.". The account owner is "Admin.Dev". The "Related" tab is active, showing a message: "We found no potential duplicates of this Account." Below this are sections for "Contacts (0)", "Opportunities (0)", "Cases (0)", and "Notes & Attachments (0)". On the right, the "Invoices" section is highlighted with a red circle and contains a table of files:

	File	R...	Pa...	A...	
<input type="checkbox"/>	doc1.pdf	15.08.2...	17.08.2...	54.321,...	
<input type="checkbox"/>	doc1.pdf	14.08.2...	15.08.2...	232.32...	
<input type="checkbox"/>	Policy.pd	13.08.2...	23.08.2...	888.88...	
<input type="checkbox"/>	Invoice.p	21.08.2...	30.08.2...	22.082,...	

Below the table is a section labeled "Files from/to ContentGrid".

<https://login.salesforce.com/?locale=eu>

Features	Benefits
Salesforce / ContentGrid connector on <b>AppExchange</b>	Sucess-Craft is an experienced Salesforce expert that implemented multiple document management connectors. The integration is <b>transparent for the end user</b>
<b>Lower cost per document</b>	ContentGrid stores small and large files and related data in the cloud at a lower cost. This storage is <b>cheaper</b> than the Salesforce File storage.
Content Service <b>Platform</b>	ContentGrid offers much more than a simple file system: AI automations, APIs, rules based permissions, scalability to hundred million of documents, “bring your own cloud”...
Externalized document storage	Expose documents to Salesforce or unlock documents out of Salesforce and make them available to other users via <b>API</b> or via the Navigator.
Records Management	Manage what documents are available in Saleforce by specifying “visibility” permissions. Respect GDPR with document retention rules.
<b>Security</b>	Fined grained <b>access control</b> to content, ready to manage and audit
Content Archive	Keep track of content history for legal compliance or fight against fraud
<b>Rapid Integration</b> with Business APIs	Combine salesforce content with <b>any document entering our leaving the organization.</b> The connector development showed that ContentGrid is integrates faster to Salesforce than other document management solutions (e.g. MS Sharepoint)



# ContentGrid Roadmap

- Search
- AI
- Modeling
- Security
- UX (Navigator)
- Cloud
- Integration
- Performance
- ...



# ContentGrid Roadmap

<https://xenitsupport.jira.com/jira/polaris/projects/CCPD/ideas/view/2708286>

## Timeline Roadmap

About this view • 23 ideas

Filter + Sort +

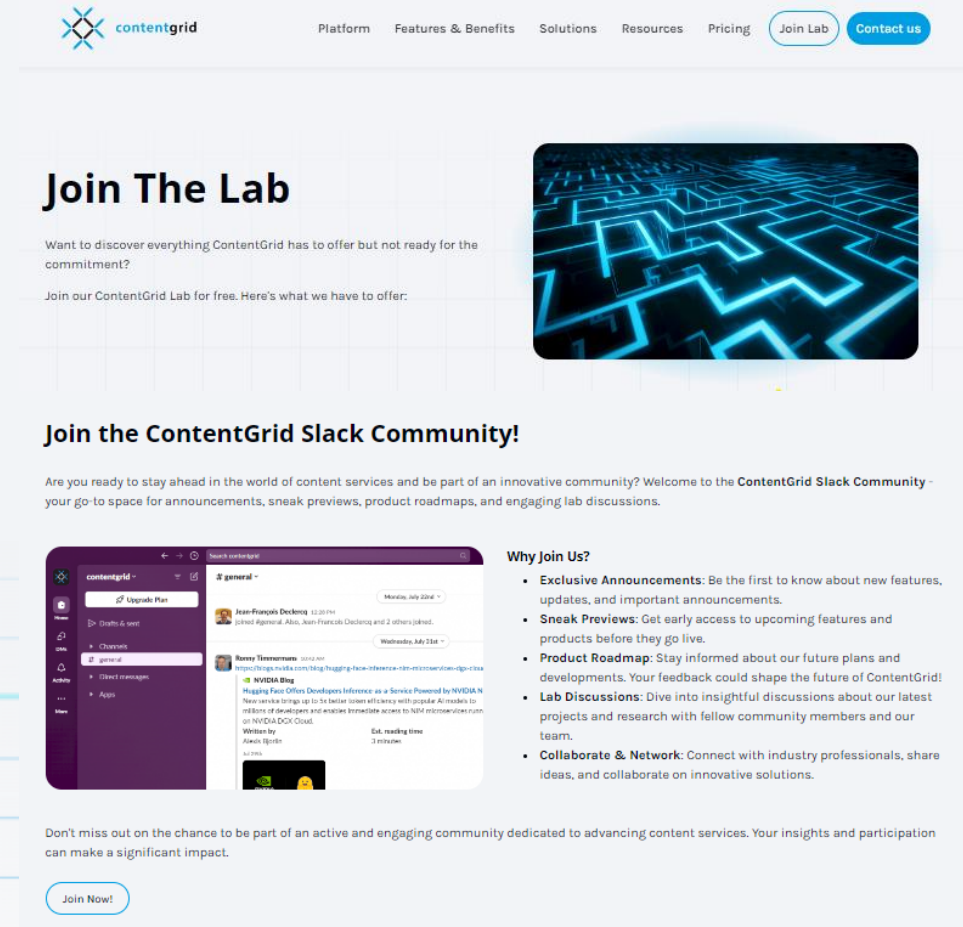
Comment 1 Published

Find an idea in this view

July	July-September 2024 August September	October-December 2024 October November December	January-March 2025 January February March	April-June 2025 April May June
<p>List of value properties (list-constraint)</p> <p>Data/application modeling ●●●●● 1 Platform core services (console/...)</p>	<p>Integration layer V1 for external services (AI, Signature, Virus Check...)</p> <p>integration ●●●●● Broaden the market 1 Integrations</p>	<p>Full text search</p> <p>Compelling Search Experience ●●●●● <b>Compelling Search Experience</b> 1</p>	<p>Semantic search suggestions</p> <p>Compelling Search Experience ●●●●●</p>	<p>Add an integration marketplace in contentgrid</p> <p>integration ●●●●● Delight users 1 Integrations</p>
<p>AI modeling assistant</p> <p>●●●●●</p>	<p>Preview for email and office formats</p> <p>Document viewing ●●●●● 4 Application capabilities (archive)</p>	<p>Content encryption</p> <p>Encryption at rest ●●●●● Scale to large accounts 1 Legal compliance</p>	<p>Basic Versioning on entities</p> <p>Versioning ●●●●● tablestakes 4 Application capabilities (archive)</p>	<p>Document retention</p> <p>Document lifecycle management ●●●●● 1 Legal compliance</p>
<p>When I search for a string, it should behave as "starts with" and be case insensi...</p> <p>●●●●●</p>	<p>ChatGPT assistant for documents</p> <p>Intelligence ●●●●● 1 Intelligence, automation and supporting services</p>	<p>Navigator frontend configuration v1</p> <p>●●●●●</p>	<p>Facetted Search V1</p> <p>Compelling Search Experience ●●●●● <b>Compelling Search Experience</b> 1</p>	<p>Time travel in contentGrid</p> <p>Versioning ●●●●● 4 Application capabilities (archive)</p>
<p>Order by properties</p> <p>●●●●●</p>	<p>SalesForce connector</p> <p>●●●●●</p>	<p>Bidirectional navigation and relationships between entities</p> <p>Compelling Search Experience ●●●●● <b>Compelling Search Experience</b> 1</p>	<p>Deploy on AWS</p> <p>Multi runtime-platform/multi-cloud ●●●●● Scale to large accounts 1</p>	<p>Sharepoint connector for CG</p> <p>integration ●●●●● Differentiate 1 Interfaces</p>
			<p>Multi-value properties</p> <p>Data/application modeling ●●●●● 1 Platform core services (console/...)</p>	<p>Deploy on Azure</p> <p>Multi runtime-platform/multi-cloud ●●●●●</p>

# ContentGrid Lab & Community

<https://contentgrid.com/join-lab/>




contentgrid

Platform Features & Benefits Solutions Resources Pricing [Join Lab](#) [Contact us](#)

## Join The Lab

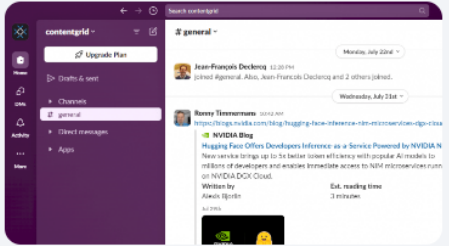
Want to discover everything ContentGrid has to offer but not ready for the commitment?

Join our ContentGrid Lab for free. Here's what we have to offer:



### Join the ContentGrid Slack Community!

Are you ready to stay ahead in the world of content services and be part of an innovative community? Welcome to the **ContentGrid Slack Community** - your go-to space for announcements, sneak previews, product roadmaps, and engaging lab discussions.



#### Why Join Us?

- **Exclusive Announcements:** Be the first to know about new features, updates, and important announcements.
- **Sneak Previews:** Get early access to upcoming features and products before they go live.
- **Product Roadmap:** Stay informed about our future plans and developments. Your feedback could shape the future of ContentGrid!
- **Lab Discussions:** Dive into insightful discussions about our latest projects and research with fellow community members and our team.
- **Collaborate & Network:** Connect with industry professionals, share ideas, and collaborate on innovative solutions.

Don't miss out on the chance to be part of an active and engaging community dedicated to advancing content services. Your insights and participation can make a significant impact.

[Join Now!](#)

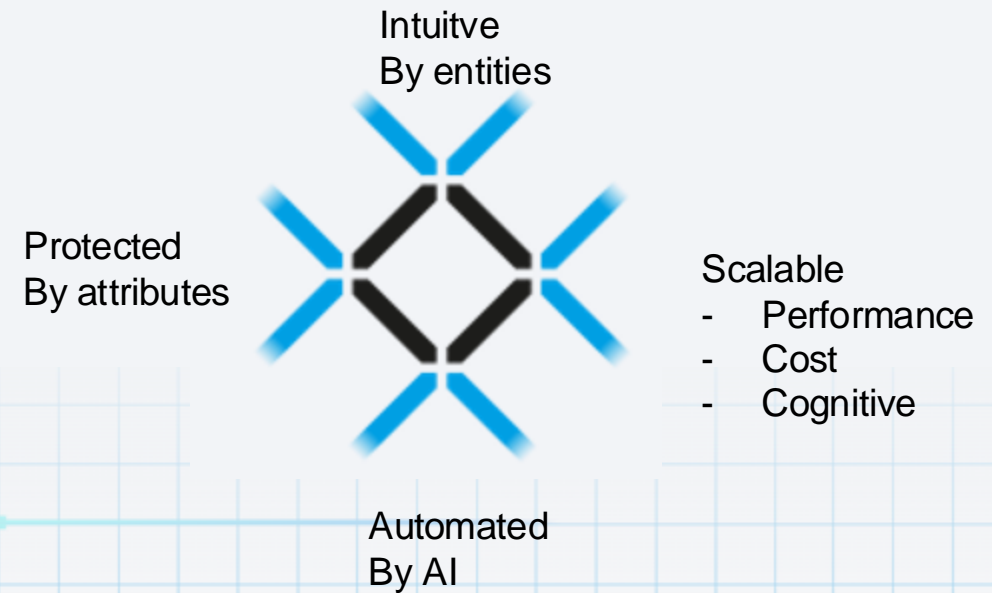
# ContentGrid app is customer owned!

Principles:

1. Zero Trust
2. Zero Lock-in

CG added value is SaaS service

- Performance
- Availability (RTO, RPO)
- Intelligence & Automation
- Security
- At any scale (1 Million to 1 Billion +)



# Next Steps

Join the ContentGrid Community (Slack) - **FREE**

Trial/Test

- Join the ContentGrid lab - **FREE**
- Proof of Concept
- Proof of Value
- Pilot

Deep dive

- Business / Methodology deep dive
- Technology deep dive
- Information Modeling Workshop
- Architecture Workshop

Study

- Documents to the cloud
- AI on documents
- TCO comparison

Pricing / Quote

ContentGrid and AI Webinar

November 9th 2024