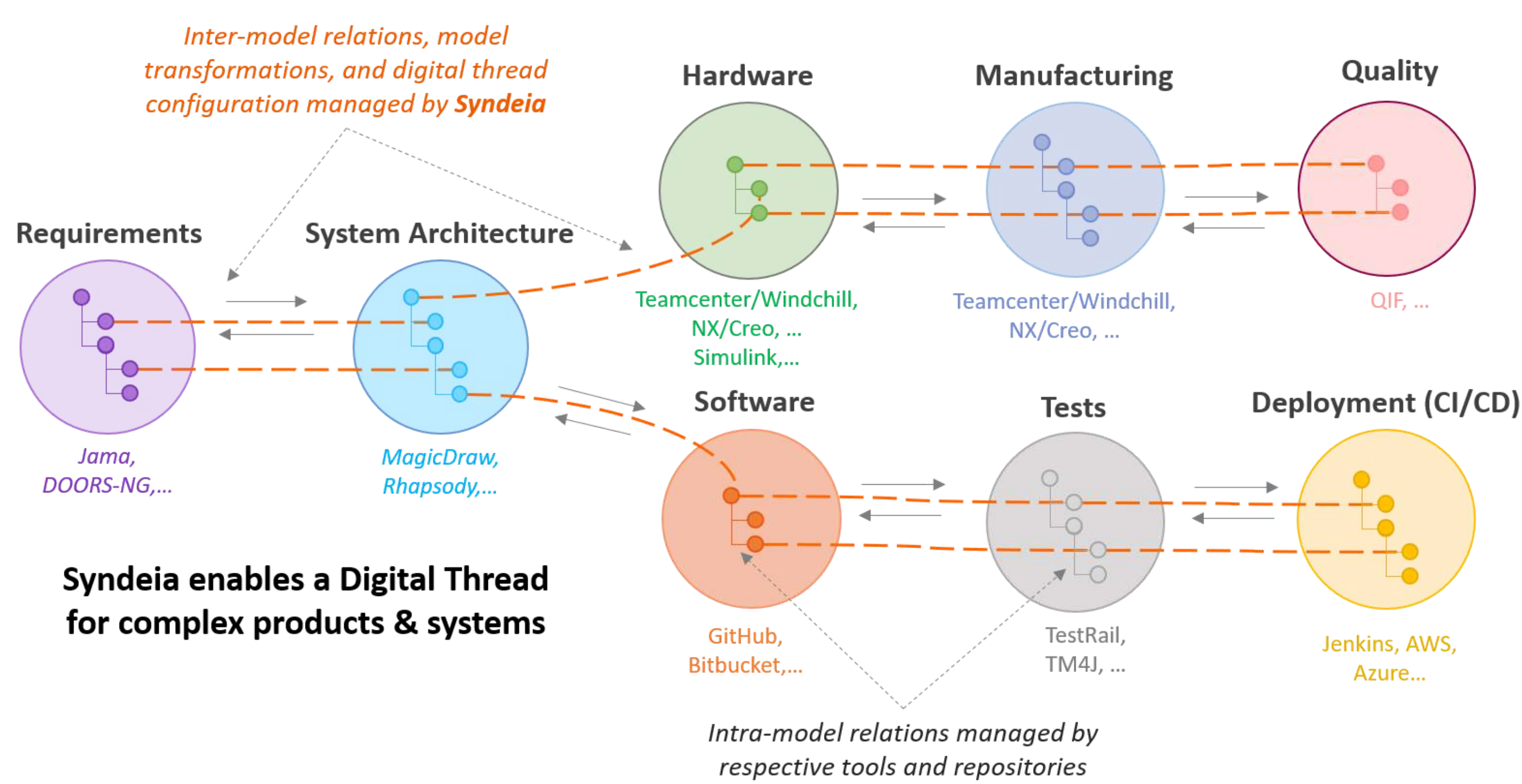


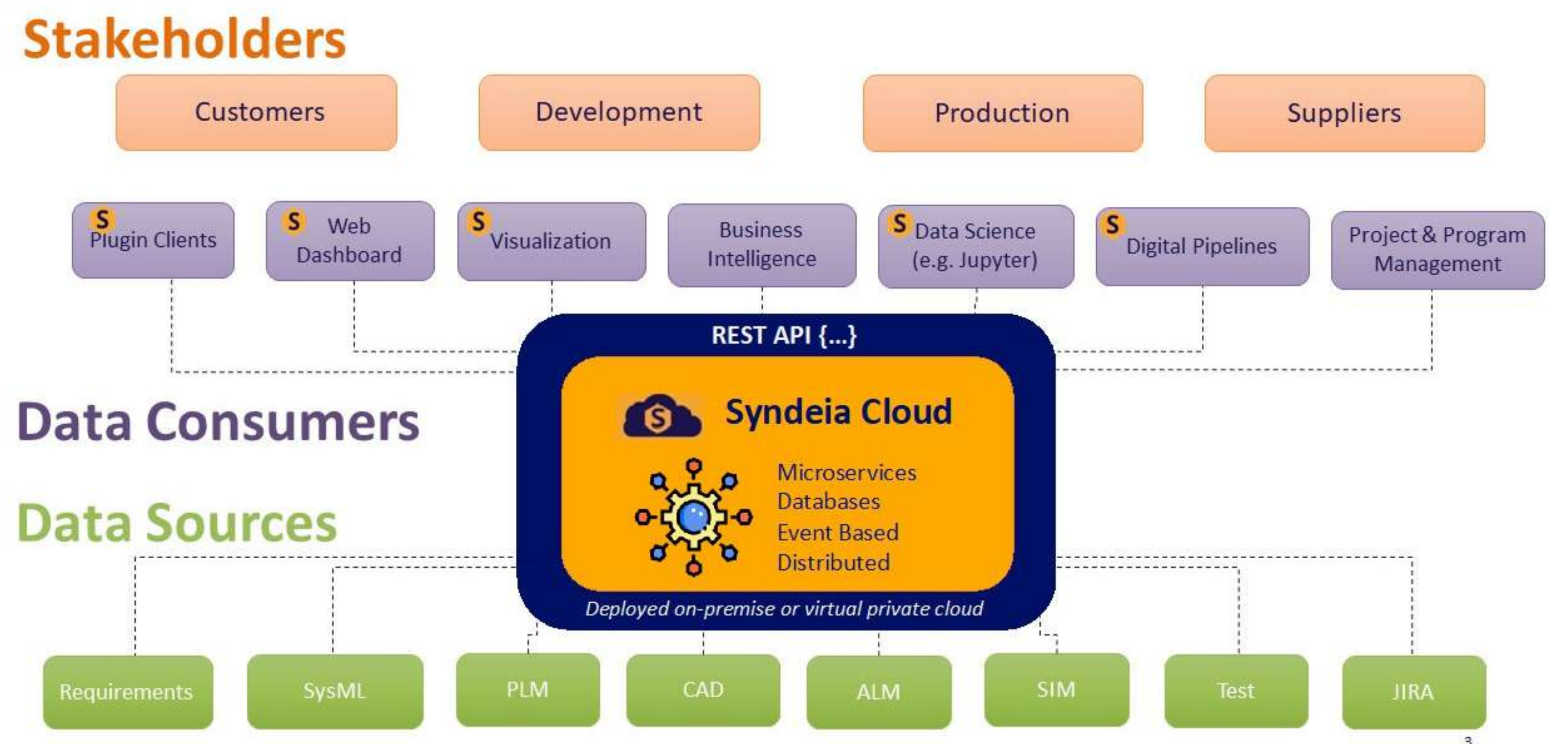
# Syndeia - Weaving the future of Digital Threads and Digital Engineering.

## Digital Threads across System Lifecycle



Syndeia is the digital thread platform for model-based engineering.

## Federating Data Sources, Consumers, Stakeholders



Syndeia allows teams to work together and manage a digital thread for complex systems by bringing together models and data from different tools.

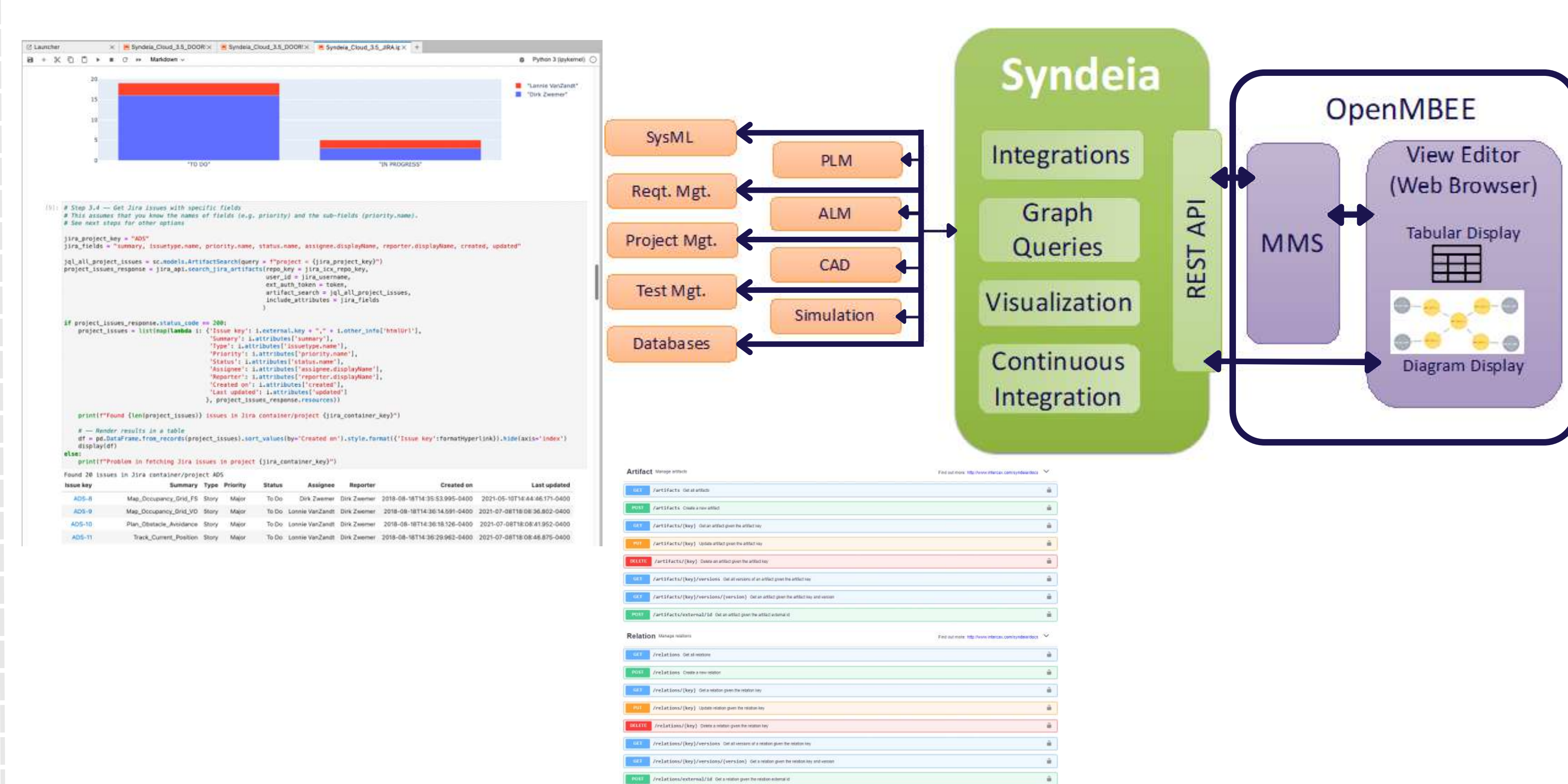
## Connect and Query data across the enterprise

Request → REST API → Service, Tool, Repository

Response ← REST API ← Astra DB, GENESYS, Jenkins, OpenMBEE

Syndeia provides query services to analyze and trace the digital thread.

## Digital Thread API and OpenMBEE



Syndeia acts as a conduit for OpenMBEE to enterprise/commercial tools.

## Automation and Pipelines

Sandbox / Jama to Jira Pipeline < 34

Branch: -- 10s No changes Started by user Manas Bajaj

Commit: --

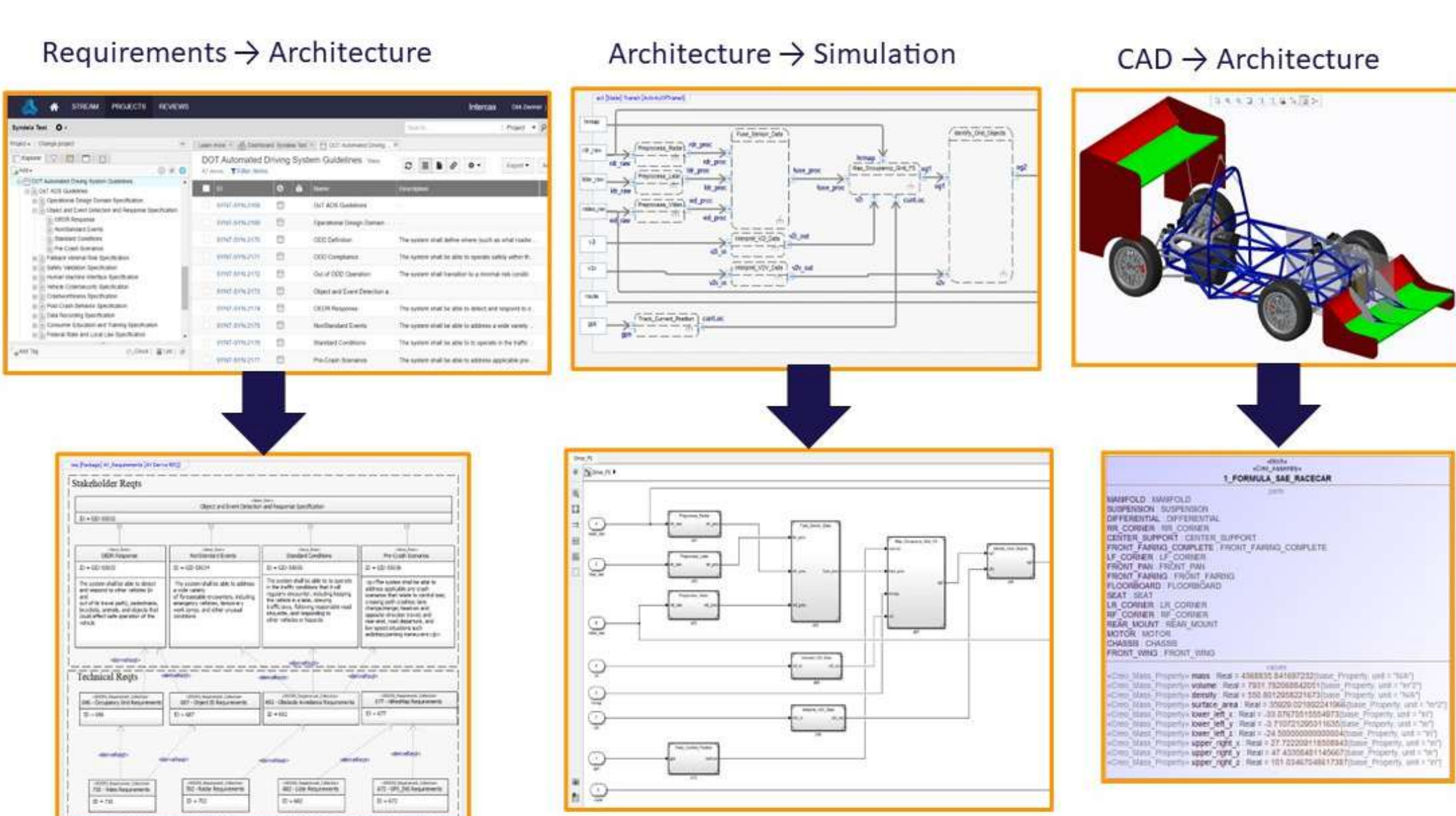
STATUS	RUN	COMMIT	MESSAGE	DURATION	COMPLETED
✓	33	-	Started by user Manas Bajaj	27s	a few seconds ago
✓	32	-	Started by user Ivan Gomes	29s	a day ago
✓	30	-	Started by user Ivan Gomes	29s	a day ago
✓	29	-	Started by user Ivan Gomes	24s	2 days ago
✓	28	-	Started by user Manas Bajaj	27s	3 days ago

Syndeia supports digital pipelines, users can create and execute tests.

## Transform, Compare, and Sync

Repository Manager | Connection Manager | Connections Browser | Connection Search | Comparison Result | Mappings | Settings

Source	Conn ID	Target	Latest Target	Comment
Greywater_Subsystem_Control	D2S818-R72	Greywater_Subsystem_Control (ME-23)	The SysML element "Greywater_Subsystem_Control" is con...	- status (To Do) - priority (Major) - summary (Greywater_Subsystem_Control) - summary (Greywater_Subsystem_C... SysML attribute "summary" and JIRA issue property "summ...
Ballastwater_Subsystem_Control	D2S818-R71	Ballastwater_Subsystem_Control (ME-...)	The SysML element "Ballastwater_Subsystem_Control" is con...	- status (In Progress) - status (Done) - priority (Major) - priority (Major) SysML attribute "priority" and JIRA issue property "priority" ...



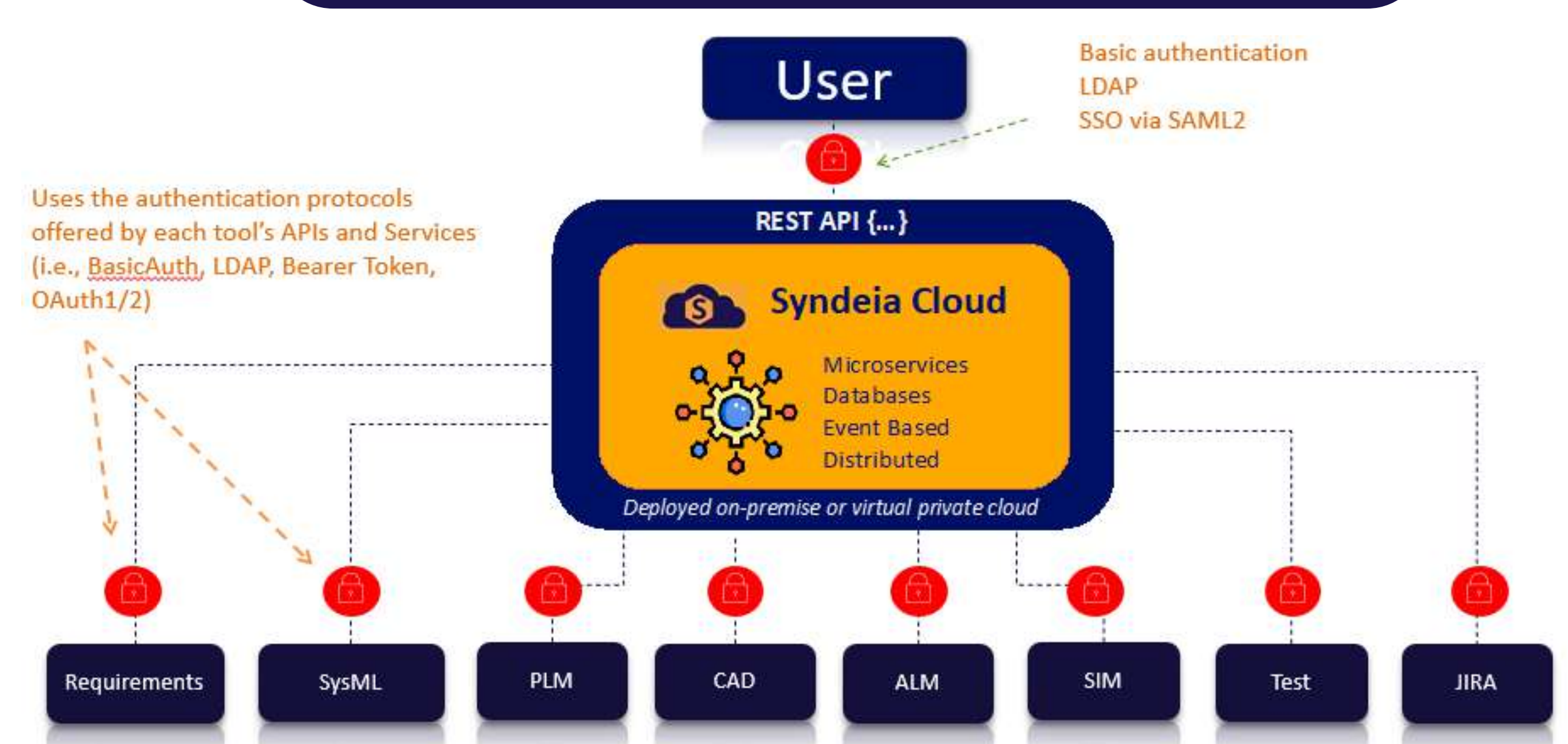
Syndeia can share information between engineering models.

## Dashboards and Analytics

ID	Global ID	Name	Priority	Status
SYNAPP-REQ-1	GID-63657	Bigwater Control	Medium	Completed
SYNAPP-REQ-10	GID-63666	SOx Control	High	Approved
SYNAPP-REQ-11	GID-63667	Solid Waste Management	Medium	Draft
SYNAPP-REQ-2	GID-63658	Ballast Water Control	High	Approved
SYNAPP-REQ-3	GID-63659	Blackwater Control	Low	Draft
SYNAPP-REQ-4	GID-63660	Condensate Control	Medium	Draft
SYNAPP-REQ-5	GID-63661	Cooling Water Control	High	Approved
SYNAPP-REQ-6	GID-63662	Fresh Water Control	Medium	Draft
SYNAPP-REQ-7	GID-63663	Greywater Control	Medium	Draft
SYNAPP-REQ-8	GID-63664	Incinerator Control	Medium	Rejected
SYNAPP-REQ-9	GID-63665	NOx Control	Medium	Draft

Use open-source data science tools for analyzing the Digital Thread.

## Cybersecurity and AuthN/R



Syndeia supports industry standard SAML2 SSO.

