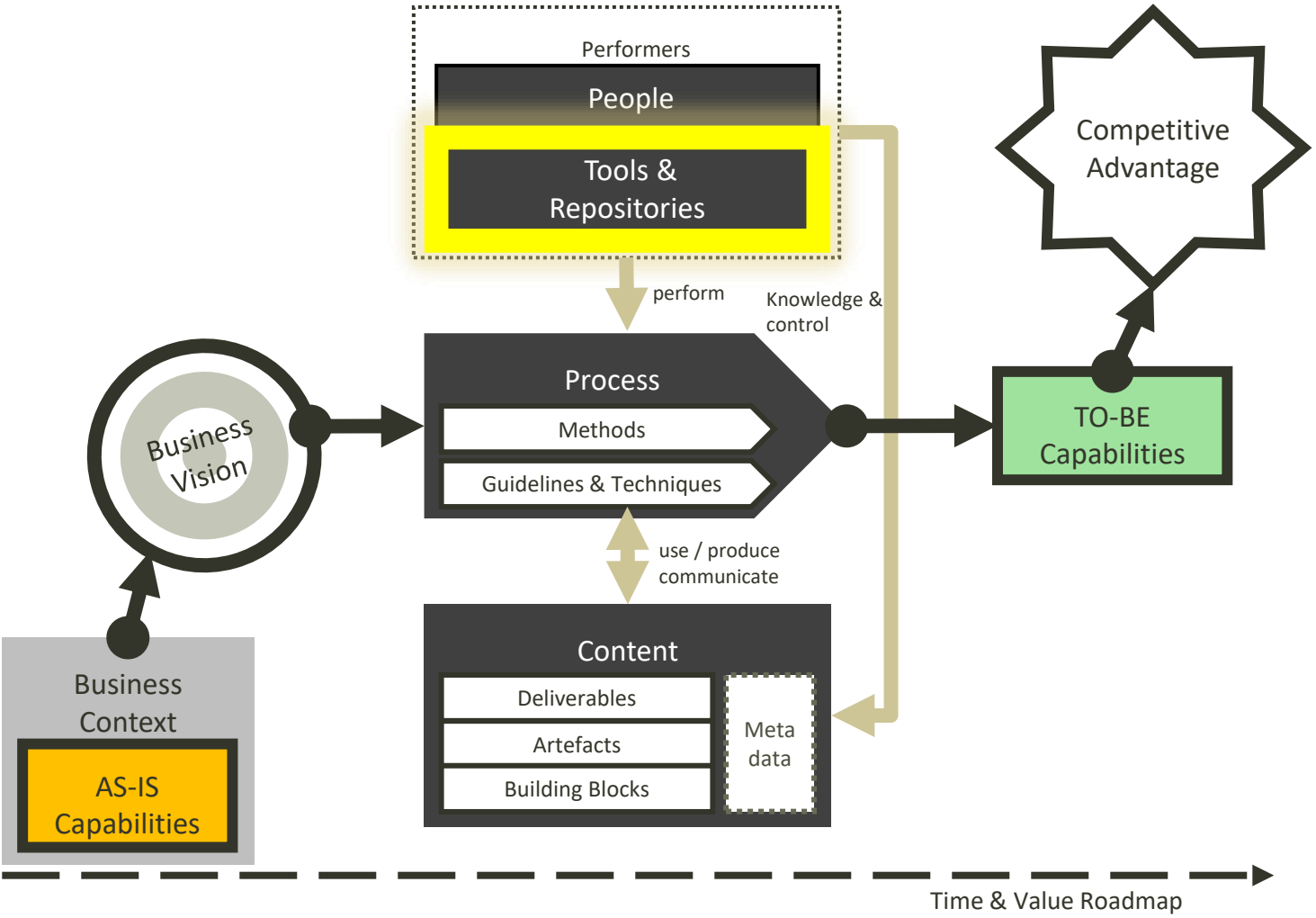


Unified Framework for Driving Transformations

Tools & Repository

Tools & Repositories



EA Tools: State of the Industry (ct'd)

- EA tools are very expensive
- Focus is typically Modeling OR IT portfolio management
- Poor metamodel semantics. Hard to adapt the metamodel if the model is already there
- Limited number of skills for each tool
- Limited Modeling continuum across levels of details
- They do not articulate any end to end process from strategy down to portfolio



Tool: How we resolved...



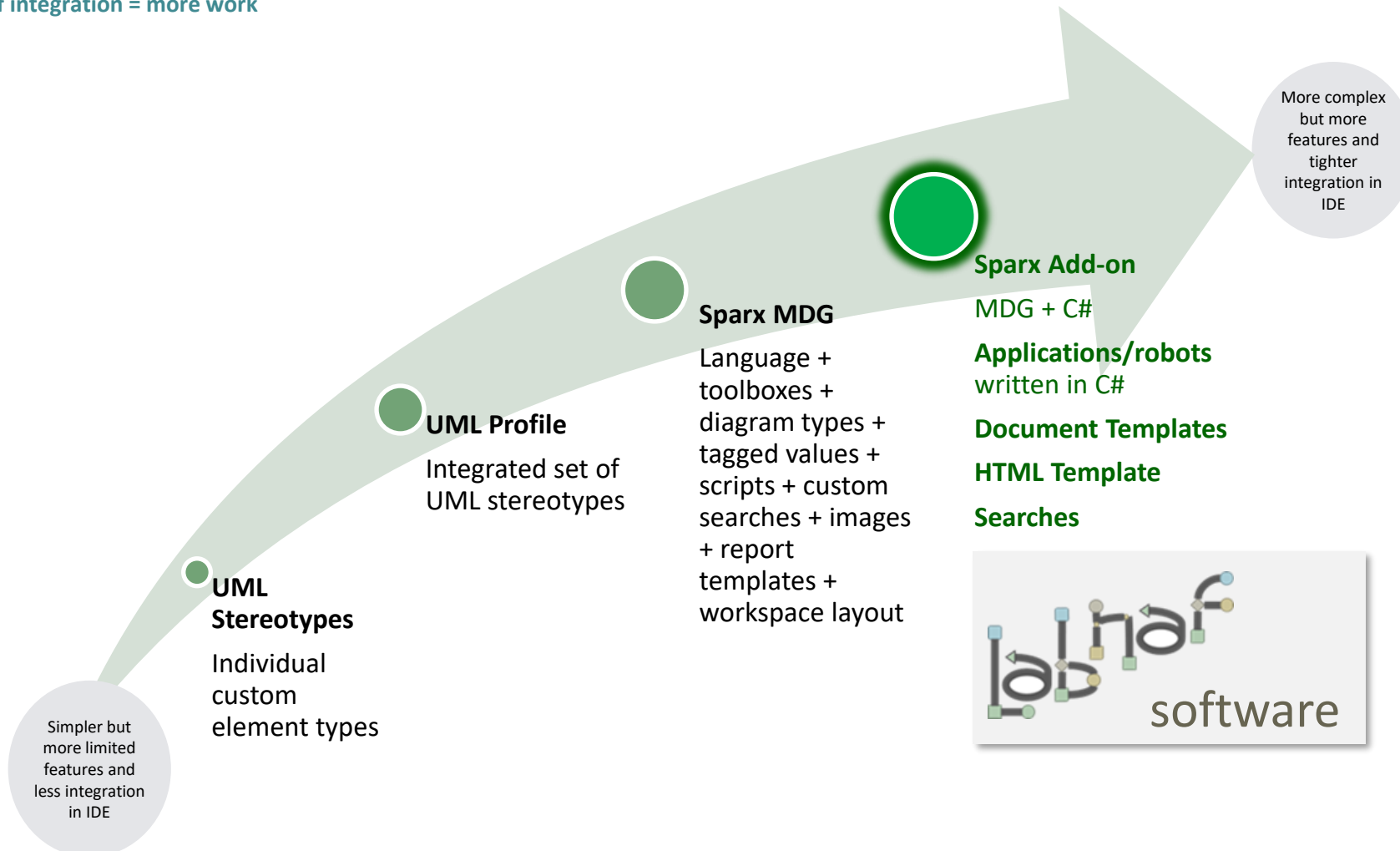
- Select a Modeling tool that is
 - Affordable
 - Reliable, scalable and secure
 - Very flexible, extensible, easy to configure and to integrate
 - Most common in the industry (750 K licenses worldwide)
 - Known by the largest number of modelers
- Integrate our language, a dynamic metamodel, diagram types and toolboxes in Sparx
- Define an Architecture Repository Organization
- Develop our Architecture Repository Guidance & Content Web Site
- Create robots (document and diagram generation, model validation, value calculation...)



Sparx EA Software Development Kit (SDK)

Enables multiple levels of modeling solution development and integration

Higher level of integration = more work





Functional

Labnaf is a **unified solution for driving transformations** (all architecture roles, strategy, security)

- Unified **transformation process**, **modeling language**, **metamodel**, **repository**, and **tools**
- Instant framework Customization
- Tools leverages the Sparx Systems development platform
- **Ready to go**



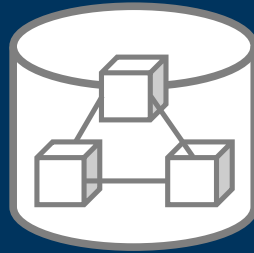
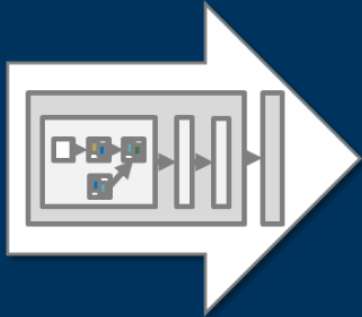
Technical

Sparx Systems provides a **technical platform for collaborative modeling and visualization**

- **Reliable, scalable and secure**; Very flexible, extensible, easy to configure and to integrate
- **1 million+ licenses worldwide**; Known by the largest number of modelers



Labnaf Software Features



Marketing & Sales

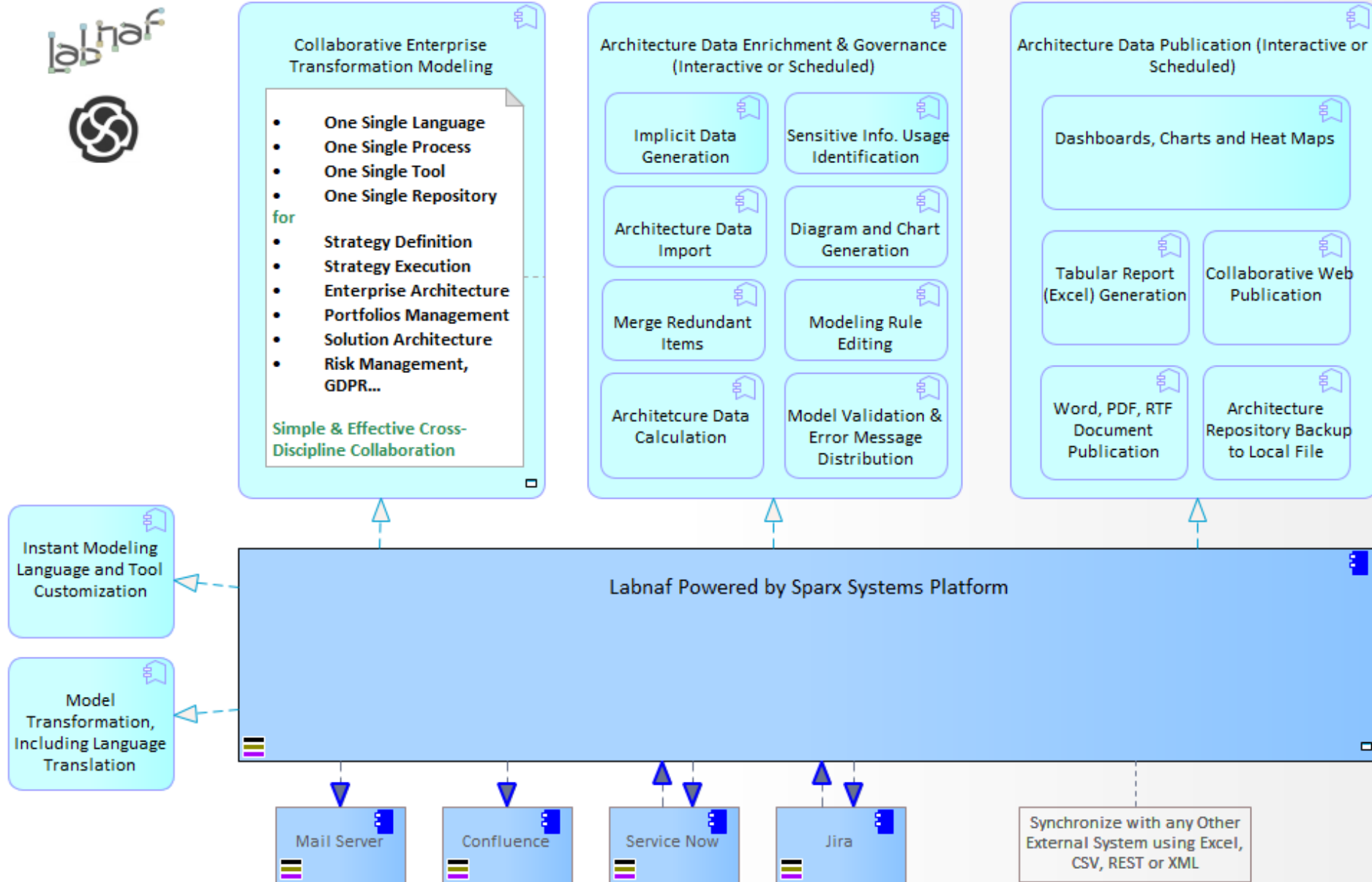
- Marketing Management
 - Digital Marketing
 - Search Engine Management
- Multi-channel Sales
 - Sales Record
- B2B Sales
 - B2B Indirect
- B2C Sales
 - B2C Order Management
 - Athena Order Management
 - Jupiter Cash Desk
 - Venus Cash Desk
 - B2C Order M
 - B2C Self-Serv
 - B2C Self-Service Channel
 - Ares
 - Customer Mobile Application
 - LOGIN B2B
- B2I Sales
 - Bulk Distrib
 - Face-to-Face
- M&S Master Data Management
 - Pricing Management
 - Product Management

Code	Name	Category	Status	Priority	Created By	Created Date	Last Modified	Comments
1001	Active Directory	System	Active	High	Admin	2023-01-01	2023-01-01	Initial setup
1002	Athena Cash Desk	Sales	Active	Medium	Admin	2023-01-01	2023-01-01	Integration with POS
1003	Bellina ERP	Finance	Active	High	Admin	2023-01-01	2023-01-01	Core system
1004	CRM	Marketing	Active	Medium	Admin	2023-01-01	2023-01-01	Customer relationship
1005	Customer Mobile Application	Mobile	Phase Out	Low	Admin	2023-01-01	2023-01-01	Replaced by new app
1006	Customer Web Browser	Web	Active	Medium	Admin	2023-01-01	2023-01-01	Frontend interface
1007	Finance	Finance	Active	High	Admin	2023-01-01	2023-01-01	Accounting system
1008	Jupiter Cash Desk	Sales	Phase Out	Low	Admin	2023-01-01	2023-01-01	Replaced by Athena
1009	Labnaf Powered by Enterprise Architect	Architecture	Active	High	Admin	2023-01-01	2023-01-01	Design tool
1010	Labnaf ERP	Finance	Active	High	Admin	2023-01-01	2023-01-01	Core system
1011	Mail Server	IT	Active	Medium	Admin	2023-01-01	2023-01-01	Communication
1012	Mailbox	IT	Active	Medium	Admin	2023-01-01	2023-01-01	Communication
1013	Mailbox	IT	Active	Medium	Admin	2023-01-01	2023-01-01	Communication
1014	Mailbox	IT	Active	Medium	Admin	2023-01-01	2023-01-01	Communication
1015	Mailbox	IT	Active	Medium	Admin	2023-01-01	2023-01-01	Communication

labnaf Software
Powered by **SPARX** Platform
SYSTEMS



Collaborative Enterprise Visualization and Transformation From Strategy Down to the Code



On Premise or Cloud SaaS

Jira, Doors,
Service Now,
Confluence



**Unified Solution
for Driving
Transformations**

Instant Platform Customizations

Enterprise Transformation Platform

Architecture, Strategy, Integrated Portfolios, Information Risk,
Incident and Unavailability Governance

Productivity Tools

*automates 90% of your modeling, validation, integration,
data enrichment, reporting and charting tasks*

**Sparx
Systems
SDK**

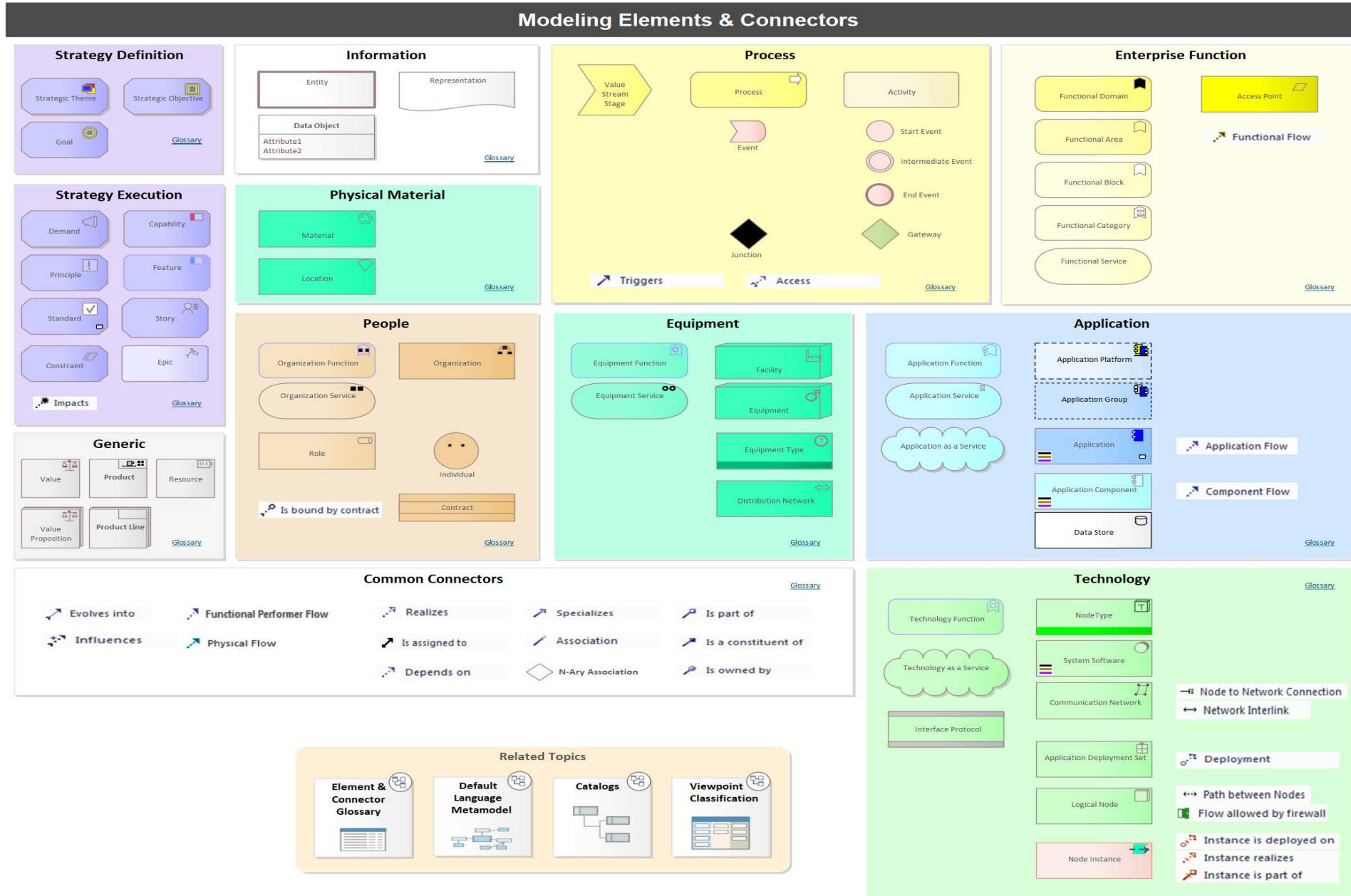
Prolaborate

Pro Cloud Server API

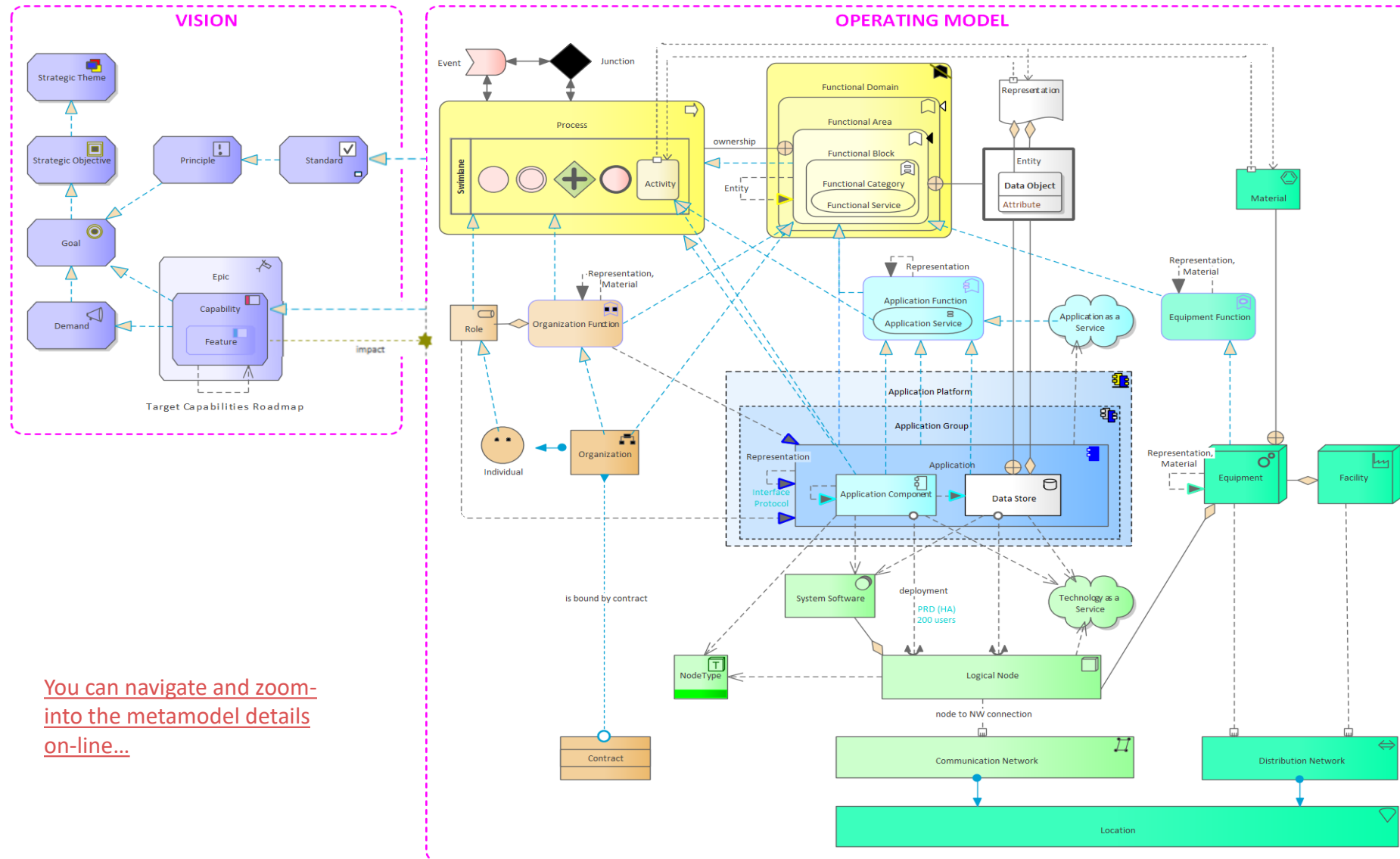
Sparx Systems' Enterprise Architect



One Single Modeling Language & Terminology



A subset of the language Metamodel

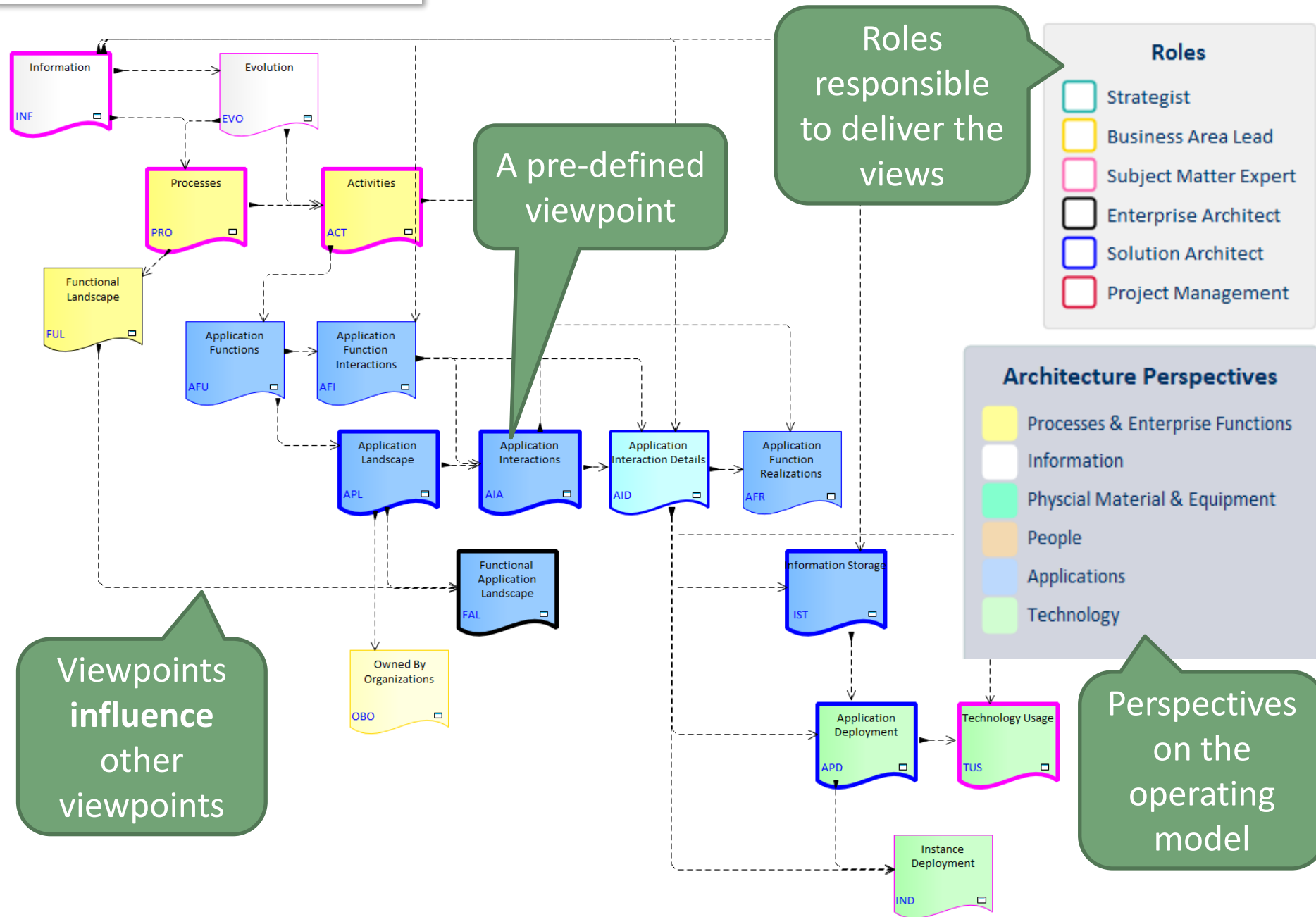


You can navigate and zoom-into the metamodel details on-line...



Viewpoints Level 3/3

Focus on IT Solution Architecture Viewpoints



Each type of architecture view has its toolbox with element and connector types

Elements & Connectors

- Some are inspired by standards
- Some are proprietary

Activities

- Activity
- Gateway
- Intermediate Event
- End Event
- Start Event
- Swimlane
- Representation
- Material
- Application Function
- Application
- Application Component
- Role
- Organization Function
- Organization
- Equipment Function
- Equipment

Activities Connectors

- Activity Trigger
- Realizes
- Access

Examples

Deployed Applications

- Application as a Service
- Application Deployment Set
- Application Component
- Data Store

Application Deployment Connectors

- Is deployed on
- Is part of
- Is dependent on
- Flow allowed by firewall

We use verbs instead of nouns to indicate the meaning of the connector's direction

Technologies where Applications are Deployed

- Technology as a Service
- Logical Node
- System Software
- Facility
- Communication Network
- Location



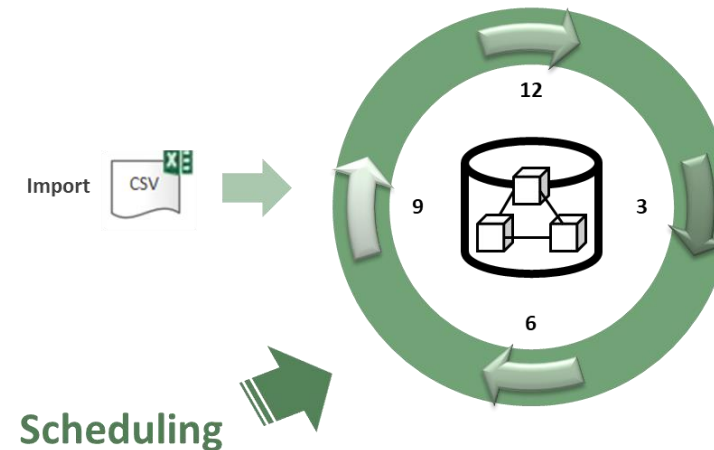
Import

New elements with properties

	A	B	C	D	E	F	G	H	I
			Name	Notes	Code	AS-IS	TRANSITION	TO-BE	Vision
1	Type	Stereotype							
2	Component	LABN_Application	Active Directory		4	Y	Y	Y	?
3	Component	LABN_Application	Ares		5	Y	Y	Y	?
4	Component	LABN_Application	Athena Cash Desk		6	N	Y	Y	Invest
5	Component	LABN_Application	Bellona ESB		8	Y	Y	Y	?
6	Component	LABN_Application	CMDB		7	Y	Y	N	Phase Out
7	Component	LABN_Application	Customer Mobile Application		10	N	N	Y	Invest
8	Component	LABN_Application	Demeter		11	Y	Y	N	?
9	Component	LABN_Application	Generic Web Browser		12	?	?	?	?
10	Component	LABN_Application	Hera		13	Y	Y	Y	Invest
11	Component	LABN_Application	Janus		15	N	?	?	Invest
12	Component	LABN_Application	Jupiter Cash Desk		16	Y	Y	N	Phase Out
13	Component	LABN_Application	Labnaf Powered by Enterprise Architect		9	Y	Y	Y	Invest
14	Component	LABN_Application	LOGIN B2B		17	Y	Y	Y	Maintain

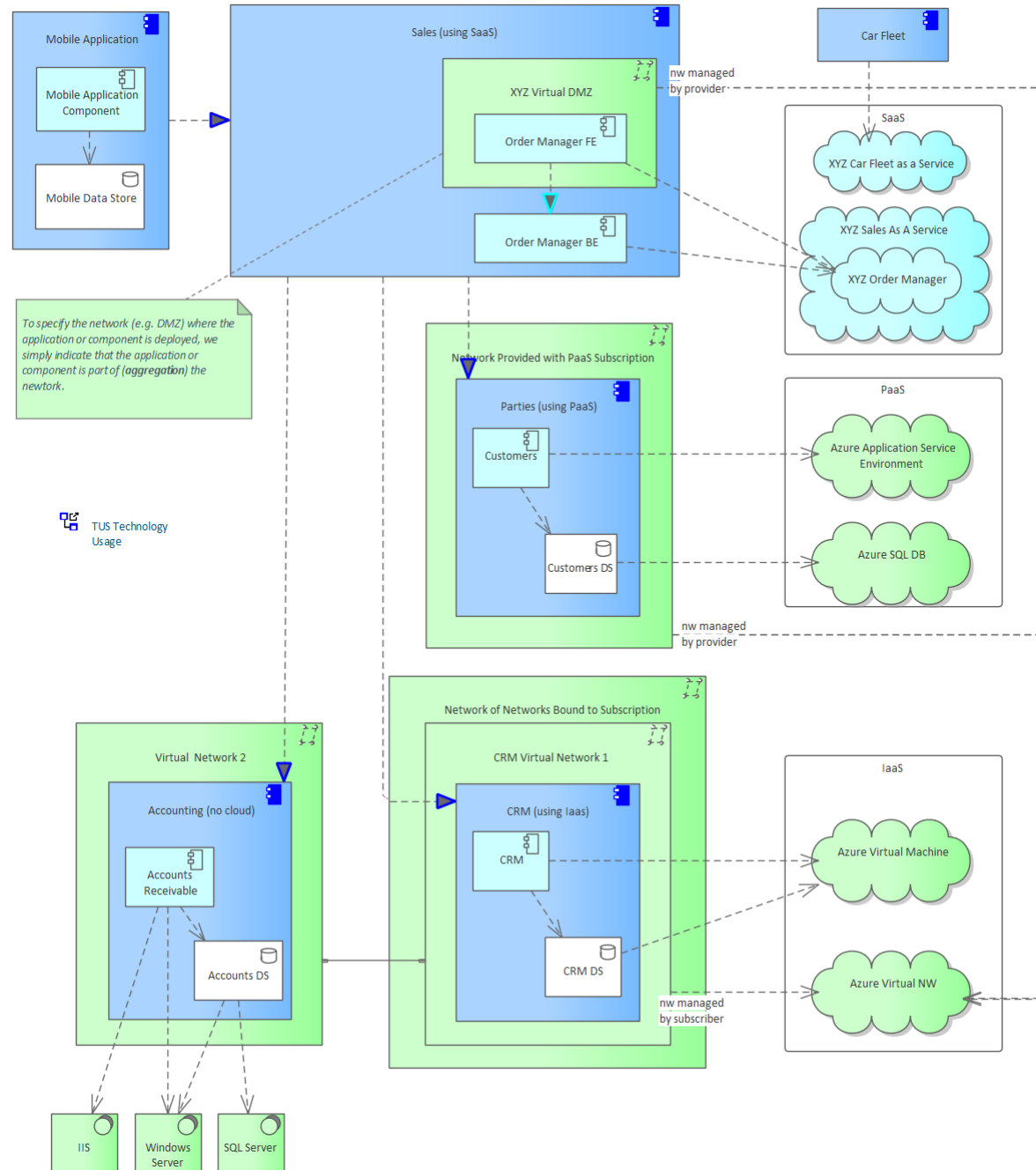
Properties of existing elements

			D	E	
	Guid	Criticality	Nb_Users	Pct_Unavailable	TCO
2	{3F9A5A7C-60C5-4e38-B107-F7BB64C1DAC6}	M	150	0	120
3	{5B0A6CBE-AD19-43a2-A142-F0974464E0A9}	L	20	8	430
4	{78169A07-6AE7-48a9-A2A7-FB048F78F998}	H	62	0	1250
5	{D67EC76A-23D7-4512-82C9-E5B2ED50A8C2}	M	62	0	69
6	{3908BC63-B69A-4edb-B29B-81D1344168FC}	M	5	2	258
7	{C4C33055-6CE7-4eae-ABB3-F68EDB82A4FA}	M	1600	0	5
8	{2316C3F0-D4F5-4391-AFB1-6F0CBFE3ACE5}	M	20	5	545
9	{3906D4EE-6470-4f74-A706-DA9A6CC19E8D}	M	130	0	62
10	{3E048B62-B905-41ec-8464-7CDC36594294}	M	8	10	867



Model

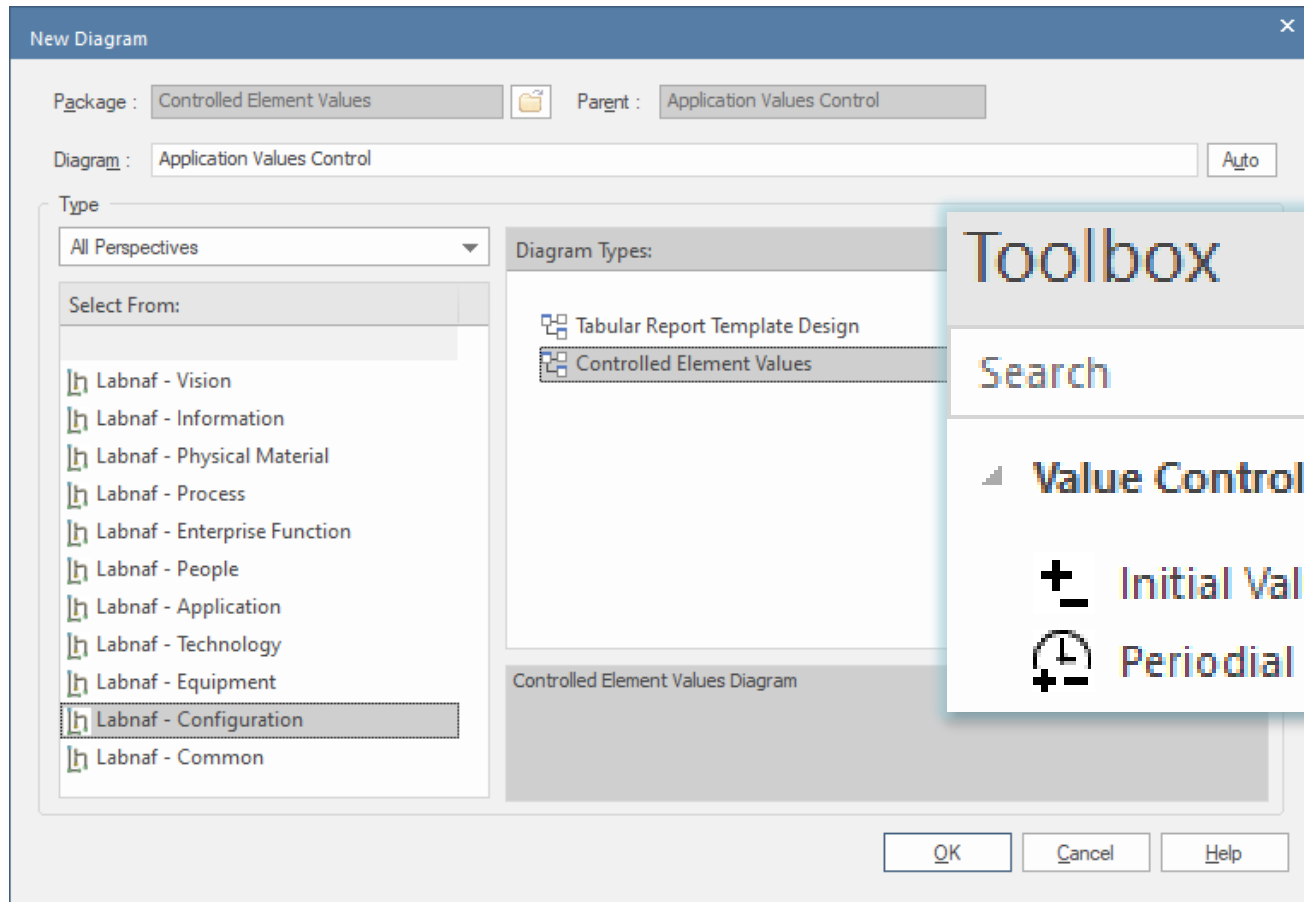
- Cloud Computing
- Ecosystems
- IoT
- GDPR
- AI
- ...



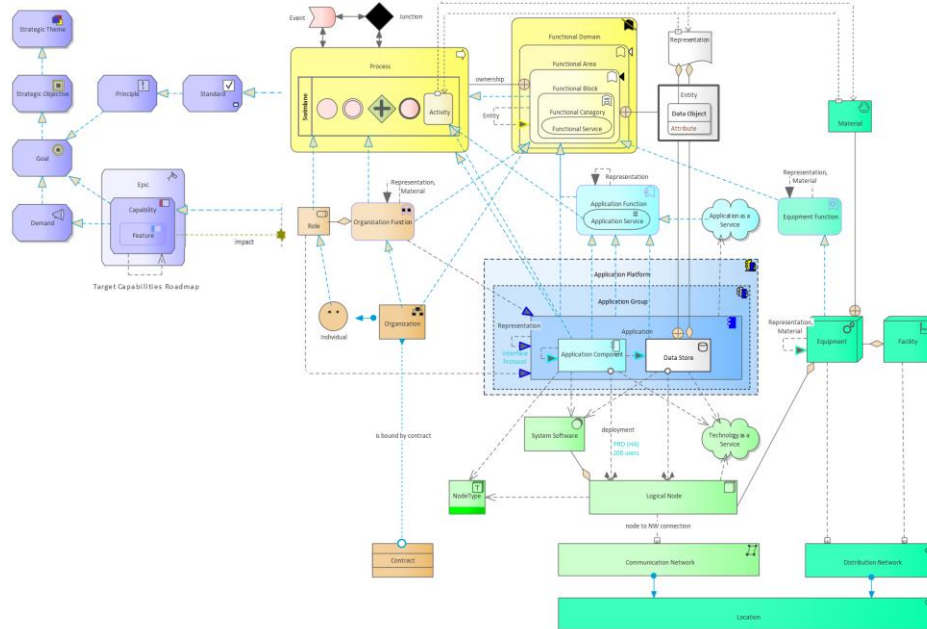
Calculate

Dynamically + Periodically

Model your value calculations



Validate

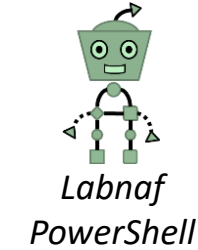


Dynamically + Periodically

While Modeling

Existing Invalid Connectors

Prevent creation of invalid connectors

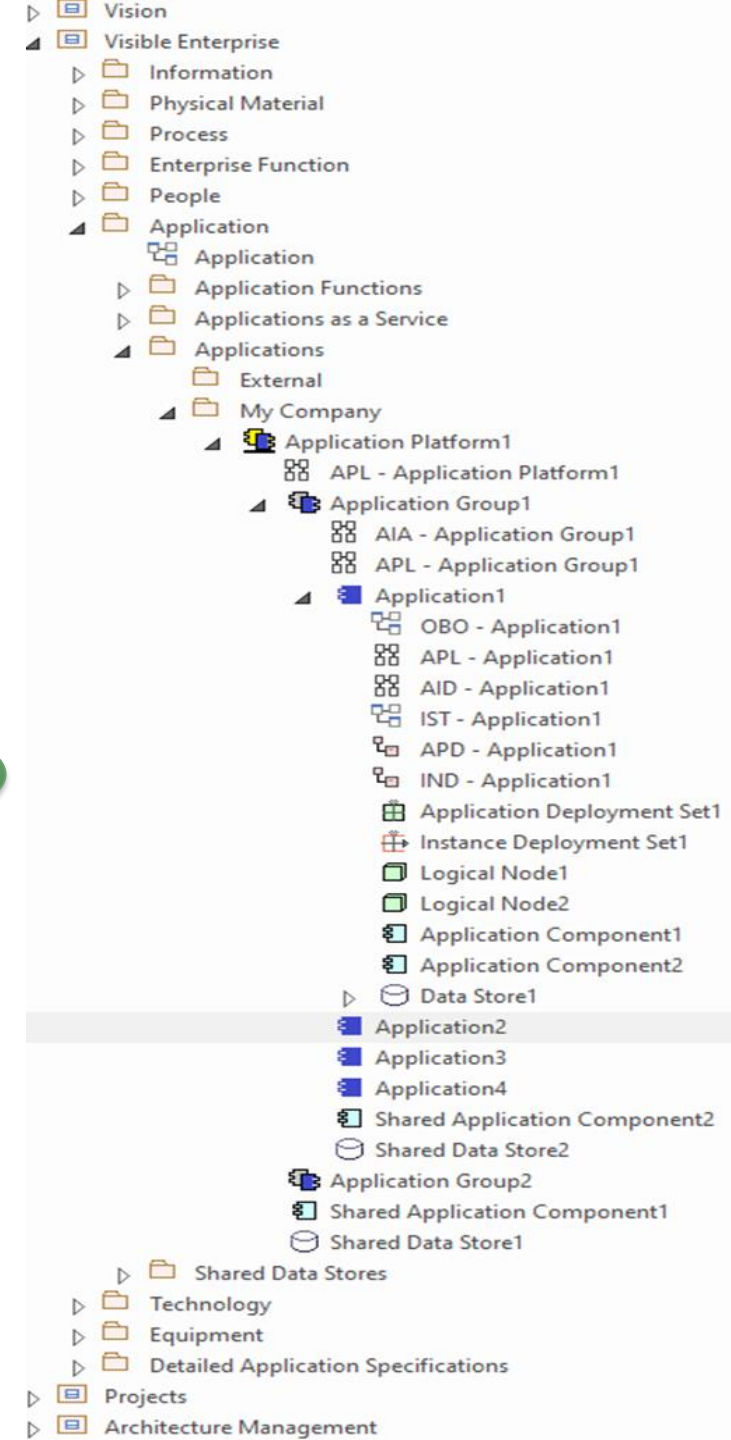
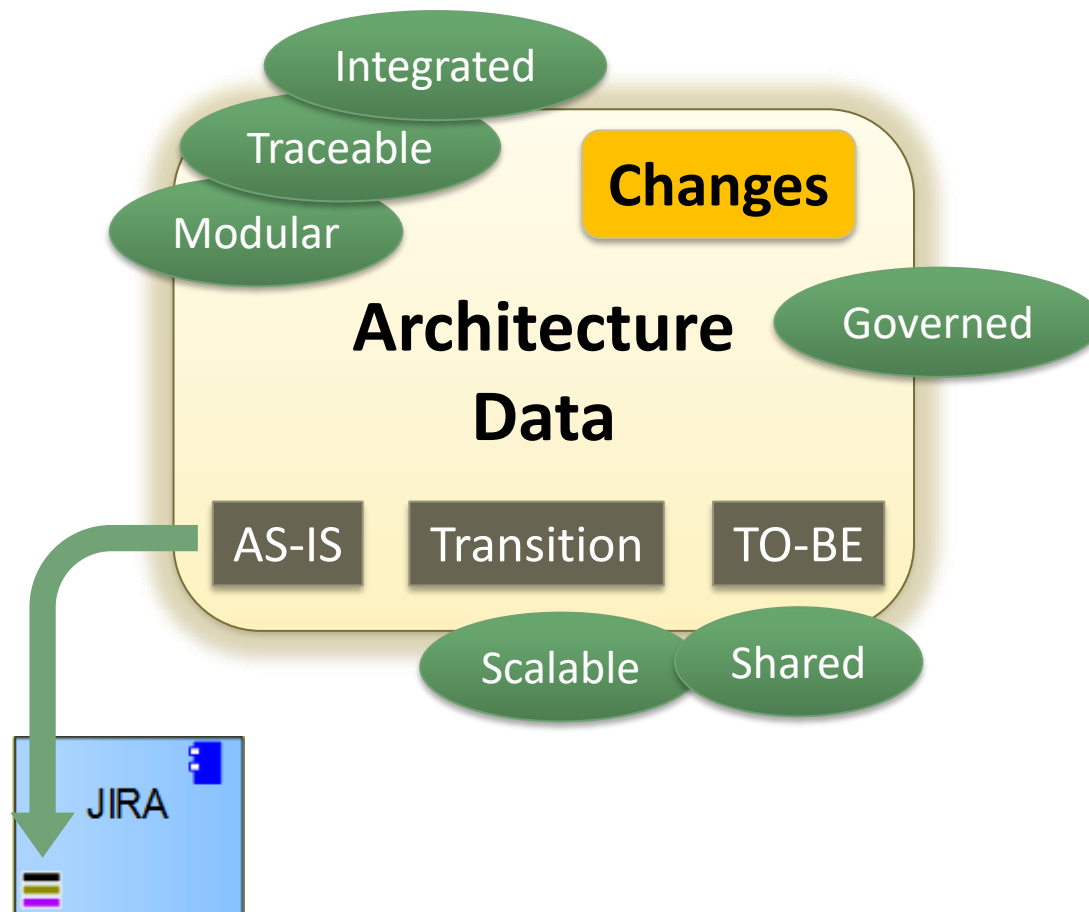


Send Error Emails to Relevant Recipients

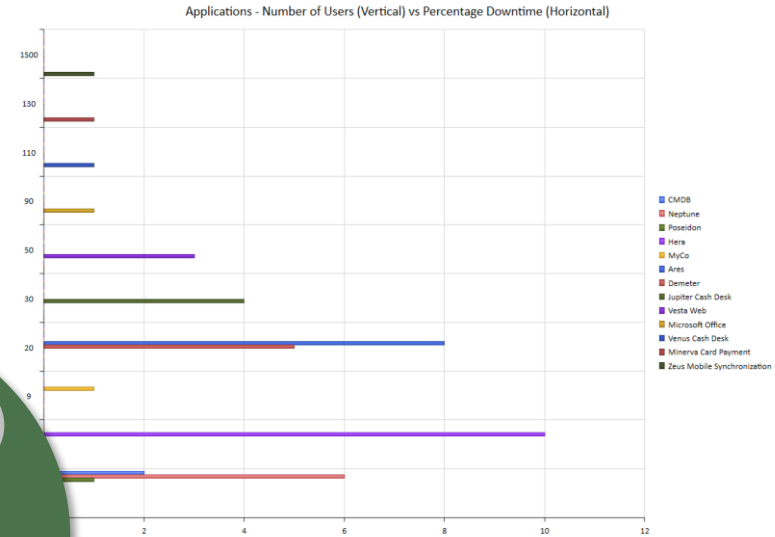
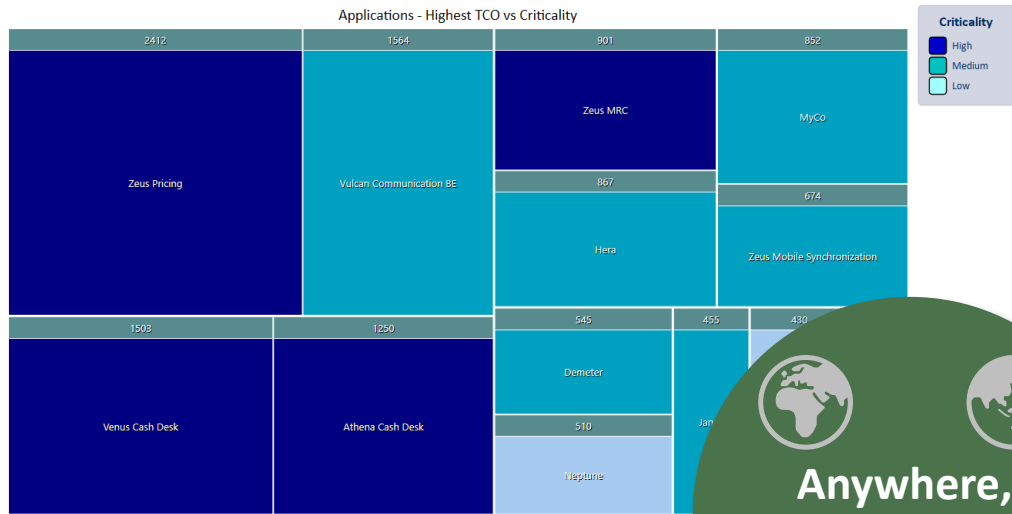
The language metamodel is used both for documentation & automatic model validation



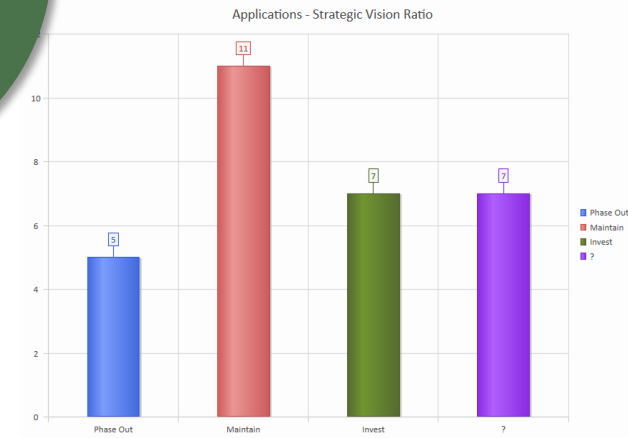
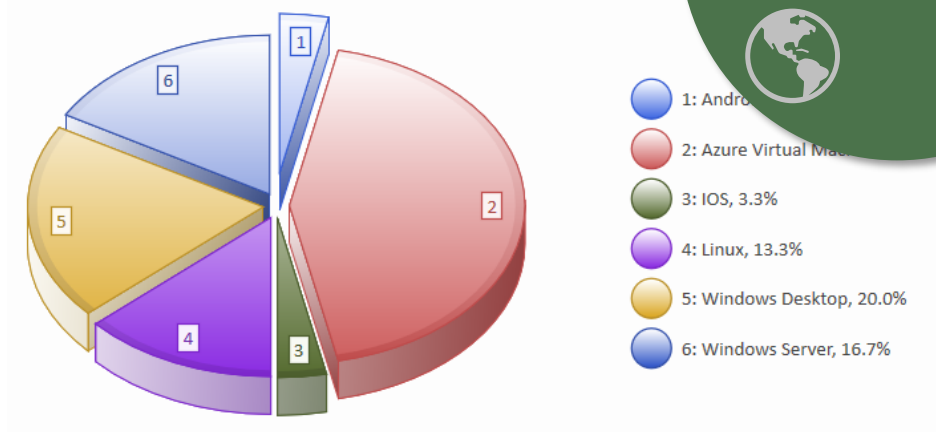
Organize & Scale following prescribed repository structure



Check Out your Real-time Dashboards and Take Decisions



Anywhere,
on any device

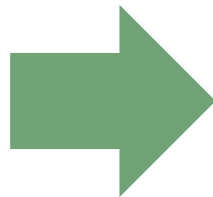


Generate diagrams

Scheduled or On demand

Real navigable model elements
(automatically resized following context)

The screenshot displays a software interface for a 'Sales' domain. On the left, a tree view shows the domain structure: Sales, B2B Sales (with sub-items B2B Indirect Sales), B2C Sales (with sub-items B2C Order Management, B2C Pricing Management, B2C Self-Service Channel), B2I Sales (with sub-items Bulk Distribution, Face-to-Face Distribution), and Sales Channel. Each sub-item is represented by a colored bar (yellow for 2 or more applications, grey for 1, and white for 0). On the right, a panel titled 'List of applications supporting the domain.' lists the following applications: Ares, Athena Cash Desk, Customer Mobile Application, Demeter, Hera, Janus, Jupiter Cash Desk, LOGIN B2B, Neptune, Venus Cash Desk, and Zeus Common Pricing. Below this list is a 'Legend for Business Functions' table and a 'Nb of Applications / Business function' legend. The legend table shows differentiators like '= Y' and '= N' with corresponding symbols. The 'Nb of Applications' legend shows color-coded boxes for 0, 1, and 2 or more applications. At the bottom right, there is a link: 'List of other Functional Domain diagram(s) as hyperlink(s)' with a button labeled 'FUI_Sales'.



- Time Savings
- Cost savings
- Diagram completeness
- Consistent diagram layout



Generate Word, RTF and PDF documents

Scheduled or On demand

Templates are provided

Enterprise Architecture

Architecture Principles

Author: Alain De Preter
Date/Time Generated: 2017-03-02
Version: 1.0

Table of Contents

1.1 Business	4
1.2 Information	5
1.3 Application	6
1.4 Technology	7
1.5 Security	8



Generate Tabular Reports (Excel/CSV)

Scheduled or On demand

Reported collection of elements (e.g. applications) and relationships selected following any kind of rule

Element properties and/or tagged values with optional renaming and colored groupings

Specific connections in specific direction to specific types of elements. Automatic connection **consolidation** into parent element relationships.

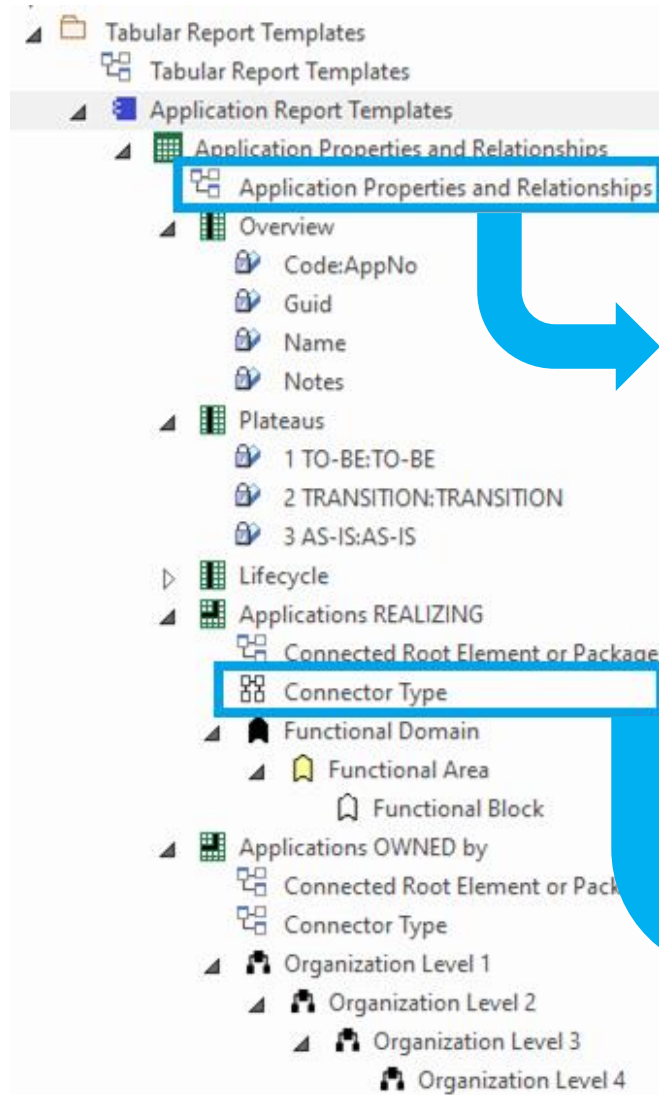
Guid	AppNo	Name	Notes	Plateaus	AS-JS	TRANSITION	TO-BE	Lifecycle	Vision	Applications REALIZING Functional Dom.	Applications REALIZING Functional Area	Applications REALIZING Functional Bloc	Applications OWNED by Organization Le	Applications OWNED by Organization Le	IT	IT for IT	IT Marketing & Sales Apps
{3F:4	Active Directory			Y	Y	Y	?										
{5B:5	Ares			Y	Y	Y	?										
{78:6	Athena Cash Desk			N	Y	Y	Invest			X							X
{D6:8	Bellona ESB			Y	Y	Y	?										
{39:7	CMDB			Y	Y	N	Phase Out				X						X
{C4:10	Customer Mobile Application			N	N	Y	Invest										X
{23:11	Demeter			Y	Y	N	?										
{39:12	Generic Web Browser			?	?	?	?										
{3E:13	Hera			Y	Y	Y	Invest				X						
{1C:15	Janus			N	?	?	Invest										
{F9:16	Jupiter Cash Desk			Y	Y	N	Phase Out				X						
{69:9	Labnaf Powered by Enterprise Architect			Y	Y	Y	Invest				X				X	X	X
{6D:17	LOGIN B2B			Y	Y	Y	Maintain										
{3D:14	Mail Server			Y	Y	Y	Maintain										
{F7:18	Mars			Y	Y	?	Maintain										X
{F8:19	Mars WebApp			Y	Y	?	Maintain										

Filtering is automatically ON



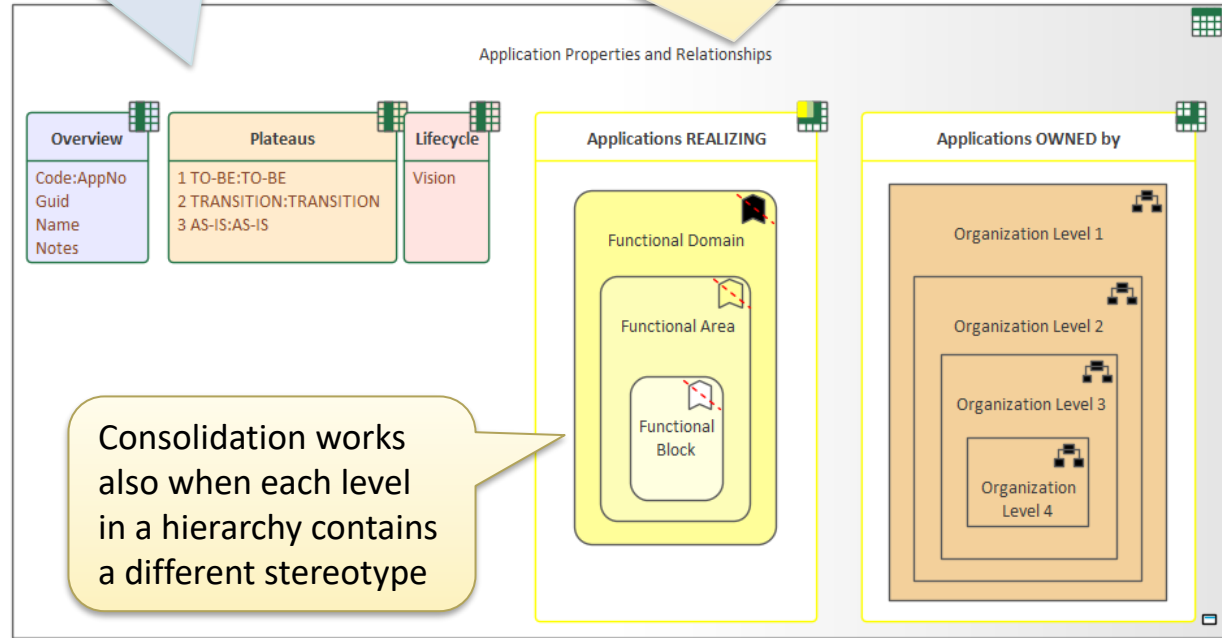
Generate Tabular Report (cont.)

Model your tabular report

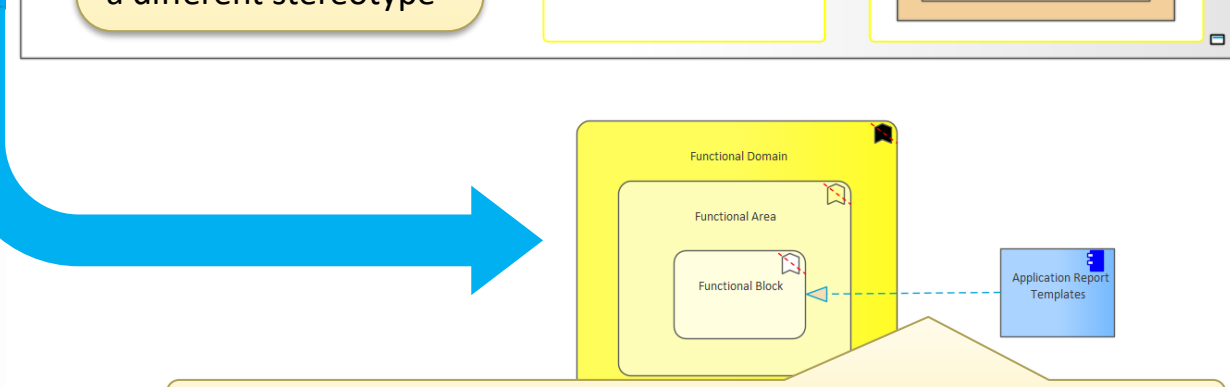


Model element properties and/or tagged values with optional renaming and colored groupings

Model specific connections in specific direction to specific types of elements. Model automatic connection **consolidation** into parent element relationships



Consolidation works also when each level in a hierarchy contains a different stereotype

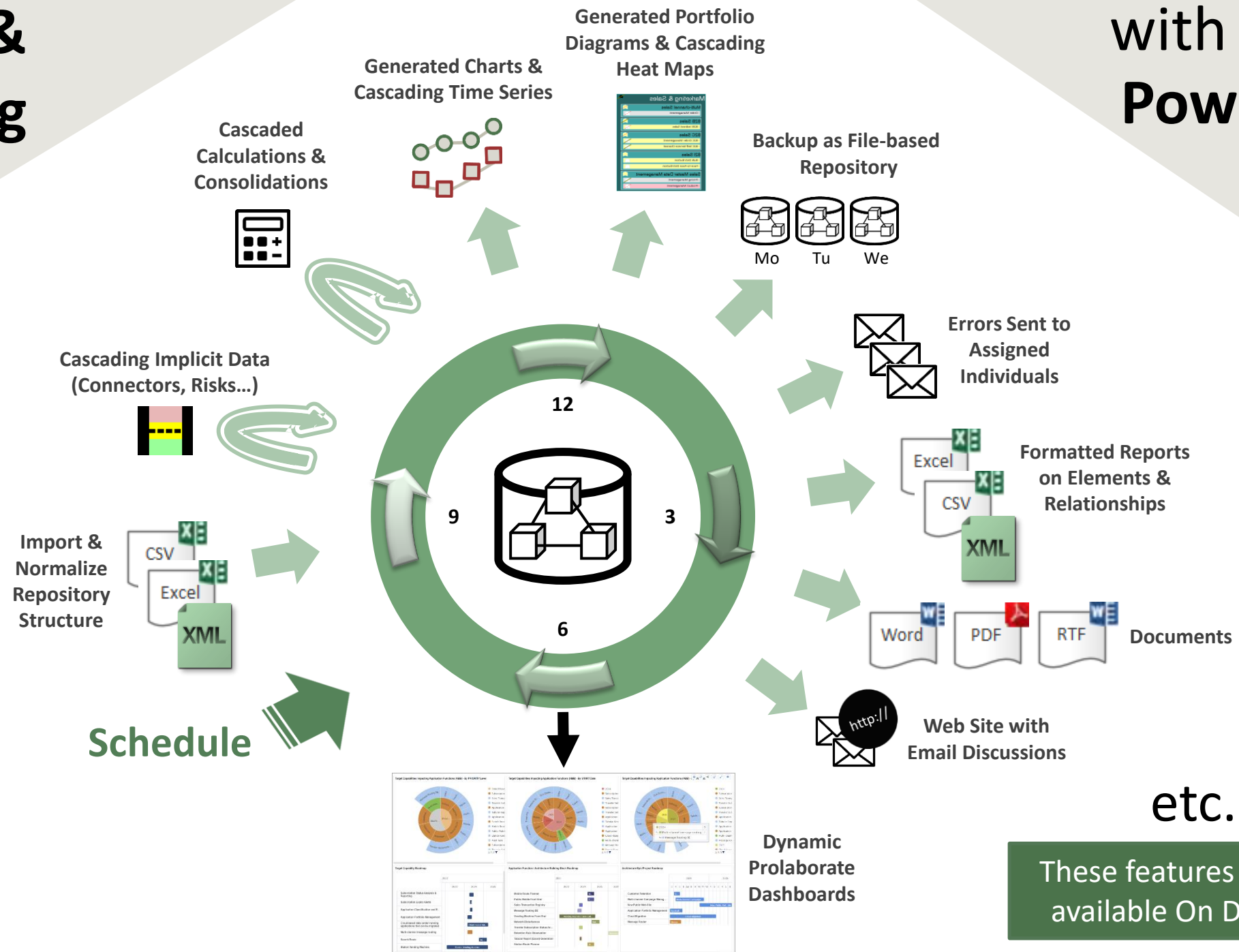


Model leaf element **connector** to be reported and consolidated



Scripting & Scheduling


with Labnaf PowerShell



etc.
These features are also available On Demand



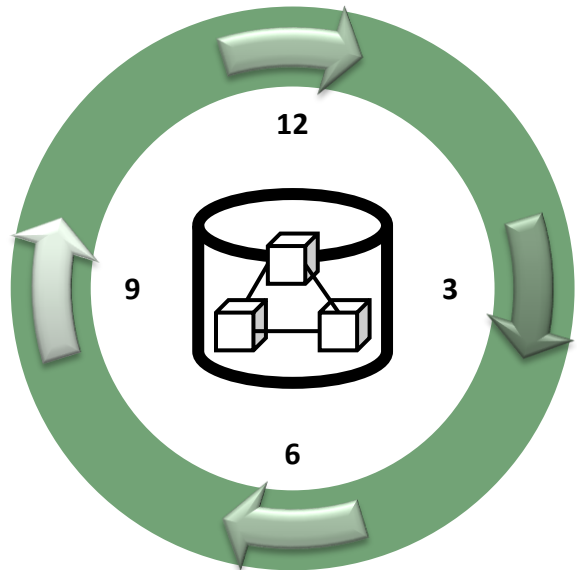
Labnaf PowerShell

- Configure & Test in the UI
- Script 
- Schedule



Commands
AutoConnectorsDelete
AutoConnectorsGenerate
BackupToFile
CalculateTaggedValues
ClonePackage
CreatePackage
ExportToXmi
GenerateCharts
GenerateDiagrams
GenerateDoc
GenerateHTML
GenerateImplicitData
GenerateTabularReports
ImportConnections
ImportFromXmi
ImportTabularReport
MoveElementsToCalculatedParent
MoveElementsToPackage
MovePackagesToPackage
RenameItem
ScheduleCommand
SetDiagramProperty
SetProperty
SqlExportToCsv
Validate

Scripting & Scheduling

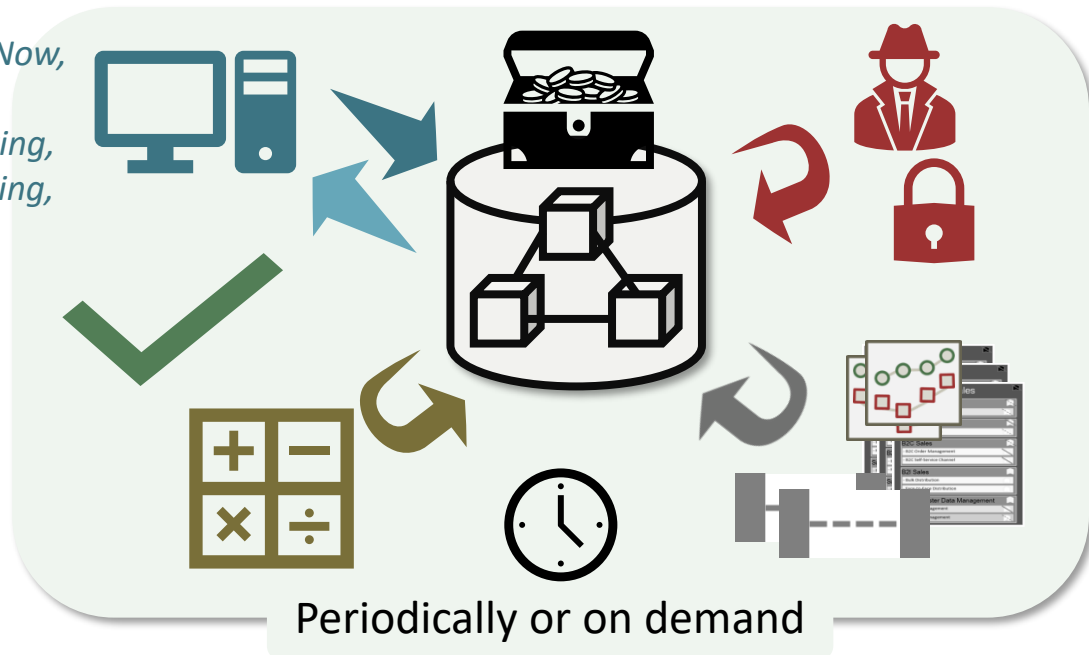


Data Enrichment & Distribution

Data is Automatically Enriched...

- Import data from different sources
- Validate & normalize the repository content
- Cascade calculation
- Generate implicit data, connectors, diagrams & charts
- **Generate 360° analysis of sensitive data usage & risks**
- Export to other systems and repositories

Service Now,
CMDB,
Monitoring,
Accounting,
HR...

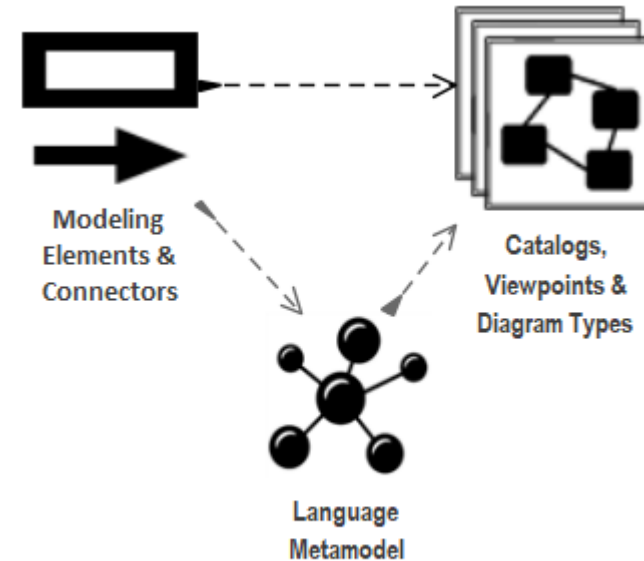


and Presented in Dashboards & Reports

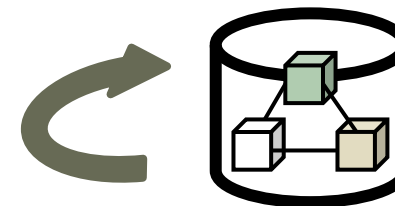


Labnaf Framework Customization

1. Customize the language following your organization requirements



2. Adapt existing repository content



Labnaf Customization Tools =>	Labnaf AddIn: Instant Metamodel Manager	Labnaf AddIn: Instant Metadata Manager	Customization Workbench
Categories of Customization			
Metamodel	<i>Customizable metamodel expressed using the Labnaf Language and stored in the production database.</i>		
Select active metamodel (standard, customized standard, or user-defined metamodel)	Y		
Add/Delete connectors to a metamodel	Y		
Upgrade standard metamodel to a new version of Labnaf, while keeping your own customizations	Y		
Generate documentation/diagram about your metamodel customization	Y		
Element Properties			
Create custom property types		Y	Y
Upgrade properties to a new version of Labnaf and keep/restore your own customizations		Y	
Rename/Delete property types		Y	Y
Synchronize property sets in existing elements		All props	MDG props
Add custom properties to the Tags Tab		Y	N
Add Labnaf Properties to the Element Tab		N	MDG-defined
Create named property groups		N	MDG-defined
Connector Properties			
Create custom connector properties		N	MDG-defined
Elements and Connectors			
Add/Delete element and connector types		N	MDG-defined
Toolboxes and Diagram Types/Viewpoints			
Add/Update/Delete Toolboxes		N	MDG-defined
Add/Update/Delete Diagram Types/Viewpoints		N	MDG-defined
Change Shapes		N	MDG-defined
Change Icons		N	MDG-defined



Labnaf provides two options for language customization

1. Instant Metamodel Manager and the Instant Metadata Manager

The **Instant Metamodel Manager** and the **Instant Metadata Manager** are provided by the Labnaf AddIn i.e. directly in the modeling environment.

Using these tools, you can

- use the standard built-in metamodel, customize it, or create your own user-defined metamodel from scratch,
- visualize, create, rename, delete and synchronize element properties,
- automatically merge new versions of Labnaf with your own metamodel and metadata (properties) customizations.

2. Customize the Labnaf MDG Using the Customization Workbench

This is used for advanced customizations.

The **Customization Workbench** is used for customizing the Labnaf MDG including, properties/tagged values, element types, connector types, toolboxes, diagram types, and metamodel (still using the Labnaf end user language itself).

To activate this customization mode, start the Customization Workbench, and select the "Load MDG from Files" option. This overrides the above features on (1).

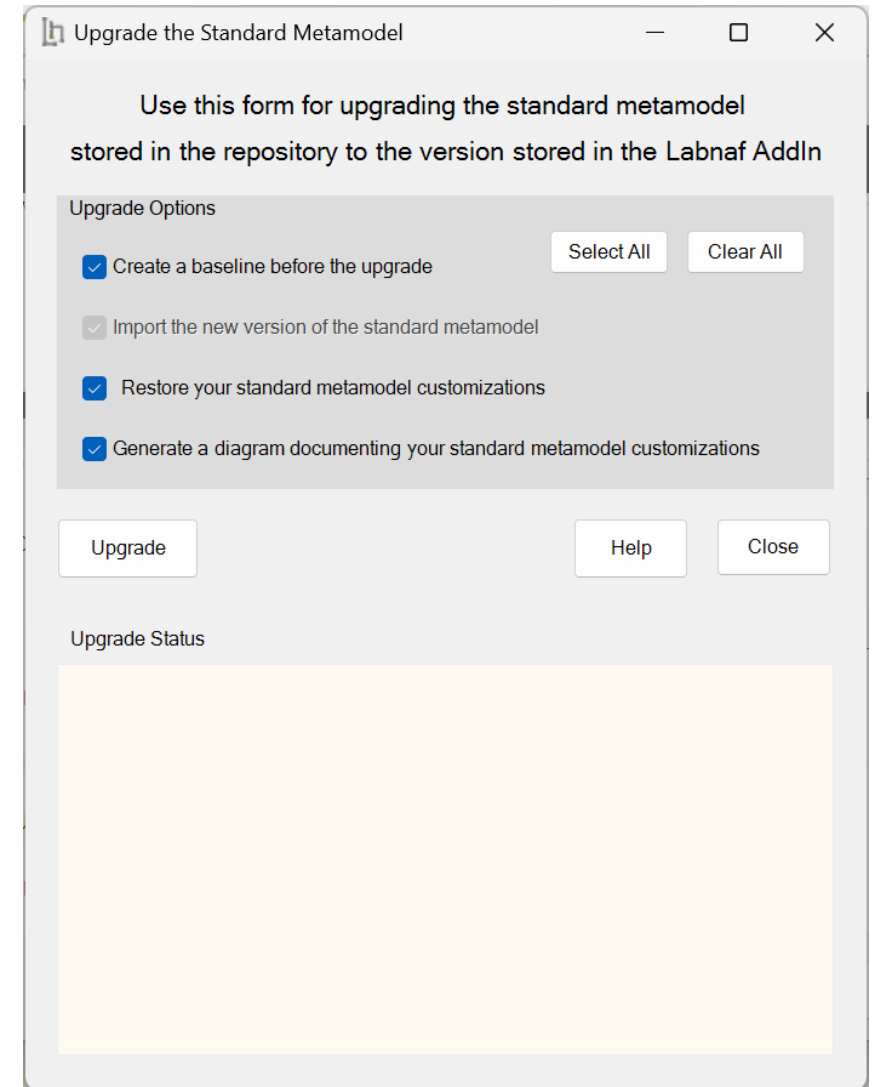
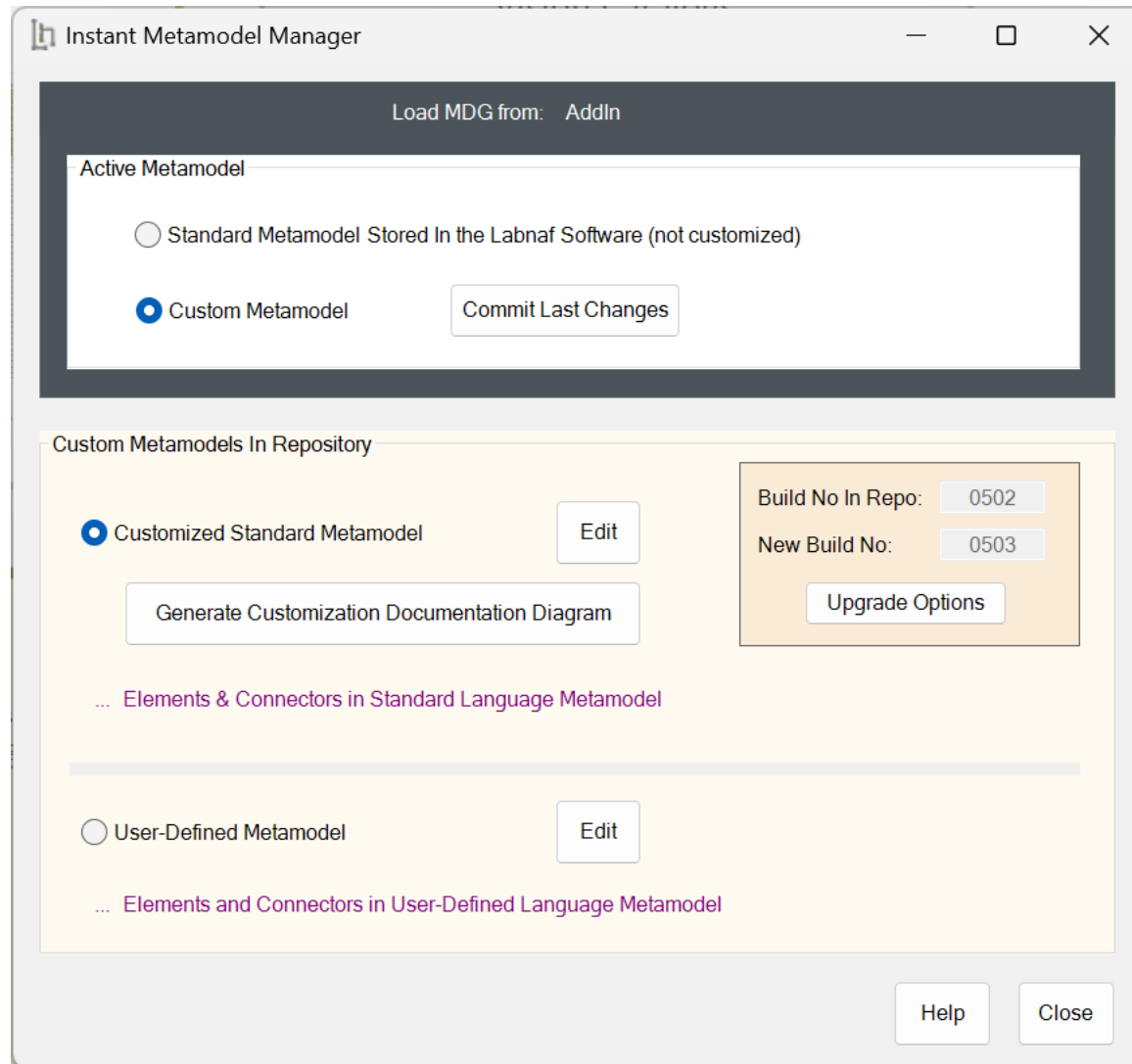
In this case Labnaf still automatically merges the new Labnaf metamodel version with your own customizations, since Labnaf metamodels are entirely controlled by Labnaf .

But for the other parts of the language specifications, which are defined in the MDG, you need to rely on Sparx tools.



Instant Metamodel Manager

Customization from the Labnaf Add-In



Instant Metadata Manager (for element properties)

Customization from the Labnaf Add-In

The screenshot shows the 'Instant Metadata Manager' application window. It is divided into several sections:

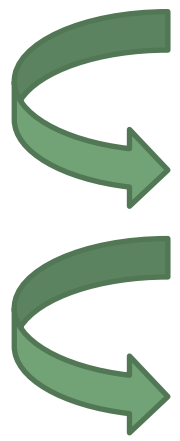
- Element Types and Properties:**
 - Element Types:** Radio buttons for 'All Labnaf Element Types' (selected) and 'Customized Element Types'.
 - Element Types List:** A scrollable list of element types, with 'Application' selected.
 - Properties @ LABN_Application:** A list of properties with checkboxes: 'Labnaf language properties', 'Custom properties (in template package)', and 'Other (imported, calculated, uncategorized)' (all checked).
 - Property List:** A list of properties including: 1 TO-BE, 2 TRANSITION, 3 AS-IS, Code, Criticality, Deployment_Status, Doc_Amount, Functional_Fit, In_Operation_End_Date, In_Operation_Start_Date, IT_Contact, IT_Contact_Delegates, Nb_Components, Nb_In_and_Out_Flows, Nb_Incidents, Nb_Supported_FBs, NB_Users, Pct_Unavailable, TCO, Technical_Fit, and Vision.
 - Buttons:** Refresh, New, Rename, Delete.
- Types of Repository Elements with Missing Properties:**
 - Labnaf language properties not found in:** A list containing 'Application'.
 - Custom properties not found in:** A list containing 'Project'.
 - Buttons:** Find Element Types Out Of Sync (missing properties), Synchronize properties and constraints for SELECTED element types, Synchronize properties and constraints for ALL element types, Delete Duplicate Properties, Help, Close.



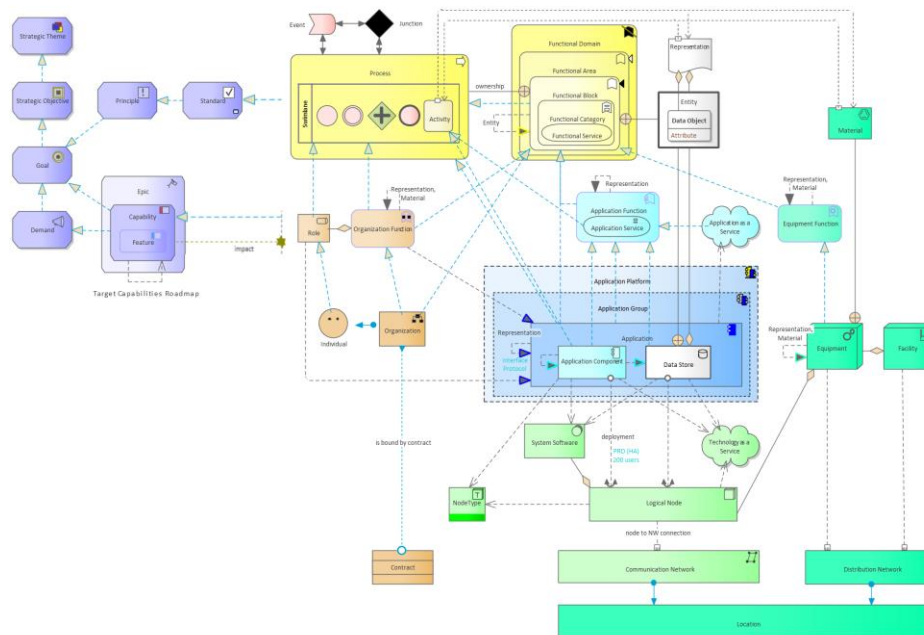
Advanced customizations of the modeling language (MDG) using the Labnaf Customization Workbench

The screenshot shows the Labnaf Customization Workbench interface. At the top, there are buttons for 'Save', 'Reload', and 'About'. The 'Load MDG from:' section has radio buttons for 'Files' (selected) and 'AddIn'. Below this, the 'Software Development Lifecycle Environment' section contains three rows for folder selection: 'Development folder' (C:\ALT\SparxDev\Distributed\Labnaf\Environments\1_Dev), 'Testing configuration folder' (C:\ALT\SparxDev\Distributed\Labnaf\Environments\2_Test), and 'Production configuration folder' (H:\Tools\LabnafConfig). Each row has a 'Select Folder' button, and the 'Production' row also has an 'Activate' button. A yellow highlighted section titled 'Active Runtime Configuration on this PC:' shows 'PROD' is active. Below this, it lists 'Load MDG file from folder' (H:\Tools\LabnafConfig), 'MDG file expected in this folder' (H:\Tools\LabnafConfig\Labnaf_Custom_MDG.xml) with a timestamp of 2019-03-05 11:59:12, and 'Connectors Definition used (always from PROD):' (H:\Tools\LabnafConfig\Labnaf_Custom_QuickLinks.xml) with a timestamp of 2019-03-04 17:36:25. The bottom section, 'Software Development Lifecycle', is a table with columns for action and 'Time Last Changed'. It is divided into three sub-sections: 'MDG Development', 'MDG Testing', and 'Configuring Production'. The 'MDG Development' section includes 'Edit MDG Source Model (EAP)', 'Edit MDG Deployment File (MTS)', and 'Generate MDG => Testing'. The 'MDG Testing' section includes 'Activate Testing Configuration', 'Open Testing Repository', and 'Copy MDG from Testing => Production'. The 'Configuring Production' section includes 'Activate Production Configuration', 'Open Production Repository & Edit Metamodel', and 'Generate Connectors Definition => Production'. On the left side of the screenshot, there are three green curved arrows pointing downwards, indicating a flow or sequence of actions.

Software Development Lifecycle	Time Last Changed
MDG Development	
Edit MDG Source Model (EAP)	C:\ALT\SparxDev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custom 2019-03-05 12:50:36
Edit MDG Deployment File (MTS)	C:\ALT\SparxDev\Distributed\Labnaf\Environments\1_Dev\Labnaf_Custorr 2019-03-05 11:24:02
Generate MDG => Testing	
MDG Testing	
Activate Testing Configuration	C:\ALT\SparxDev\Distributed\Labnaf\Environments\2_Test\Labnaf_Custorr 2019-03-05 11:59:12
Open Testing Repository	C:\ALT\SparxDev\Distributed\Labnaf\Environments\2_Test\Labnaf_Test_Re 2019-03-05 11:41:16
Copy MDG from Testing => Production	
Configuring Production	
Activate Production Configuration	H:\Tools\LabnafConfig\Labnaf_Custom_MDG.xml 2019-03-05 11:59:12
Open Production Repository & Edit Metamodel	H:\Tools\LabnafConfig\Labnaf_Prod_Repository.eap 2019-02-28 18:01:07
Generate Connectors Definition => Production	H:\Tools\LabnafConfig\Labnaf_Custom_QuickLinks.xml 2019-03-04 17:36:25



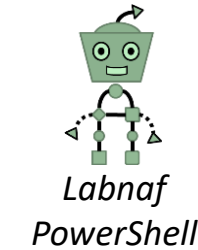
The Language Metamodel is used both for documentation & automatic model validation



While Modeling

Existing Invalid Connectors

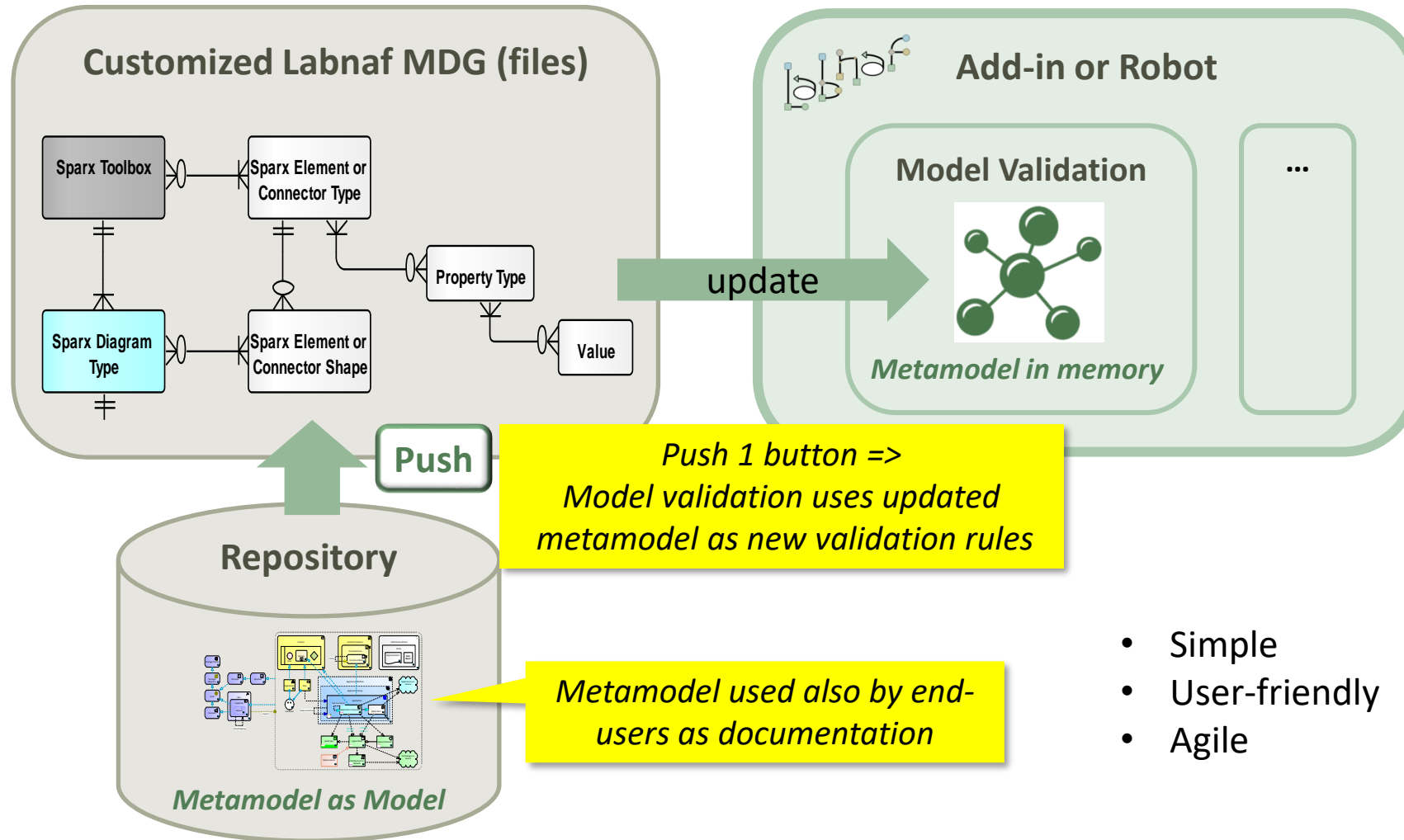
Prevent creation of invalid connectors



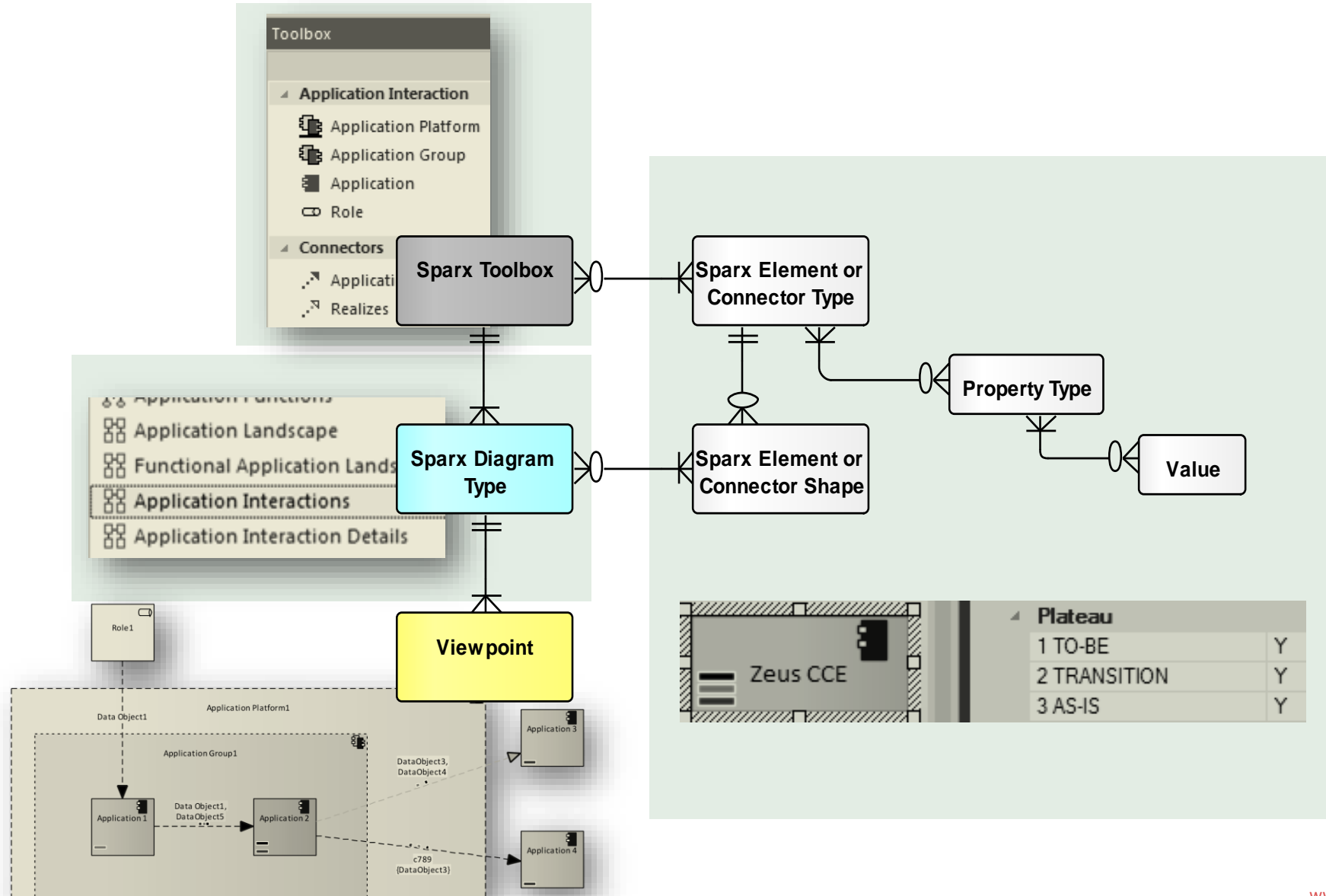
Send Error Emails to Relevant Recipients

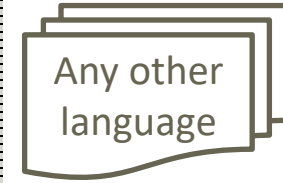


The default metamodel (stored in the Labnaf Addin and used for validation) can be very easily updated

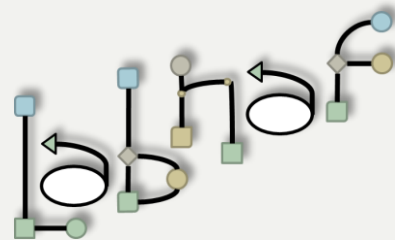


Other items that can be designed and configured by using the Customization Workbench

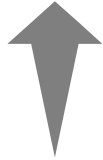
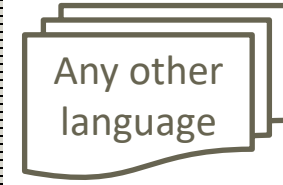




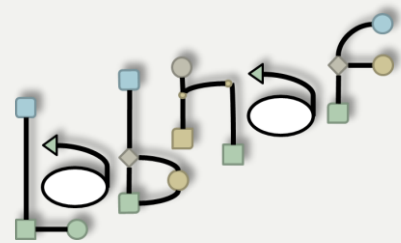
Transform any language...



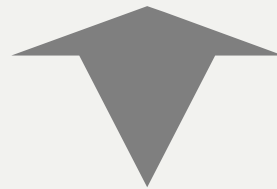
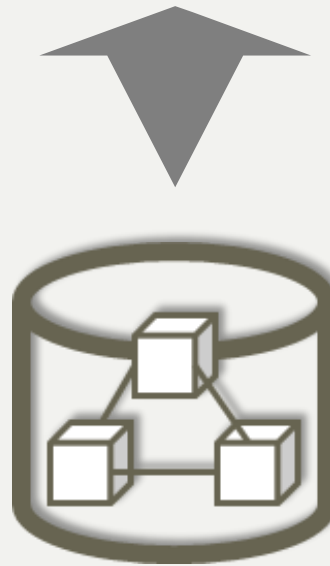
We all speak the same language



... in any direction



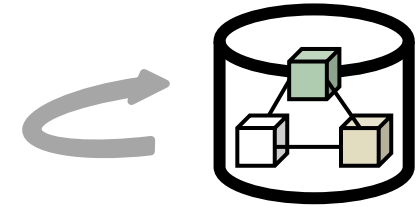
One **Single**
Strategy & Architecture
Modeling **Language**



You are never
locked in
Labnaf !

The Language Transformer adapts ANY language in any existing repository content

- **Change Element Type**
- **Change Connector Type**
- **Change Diagram Type**
- **Change Diagram Types defined in Csv**
- **Tagged Value Rename**
- **Tagged Value Delete**

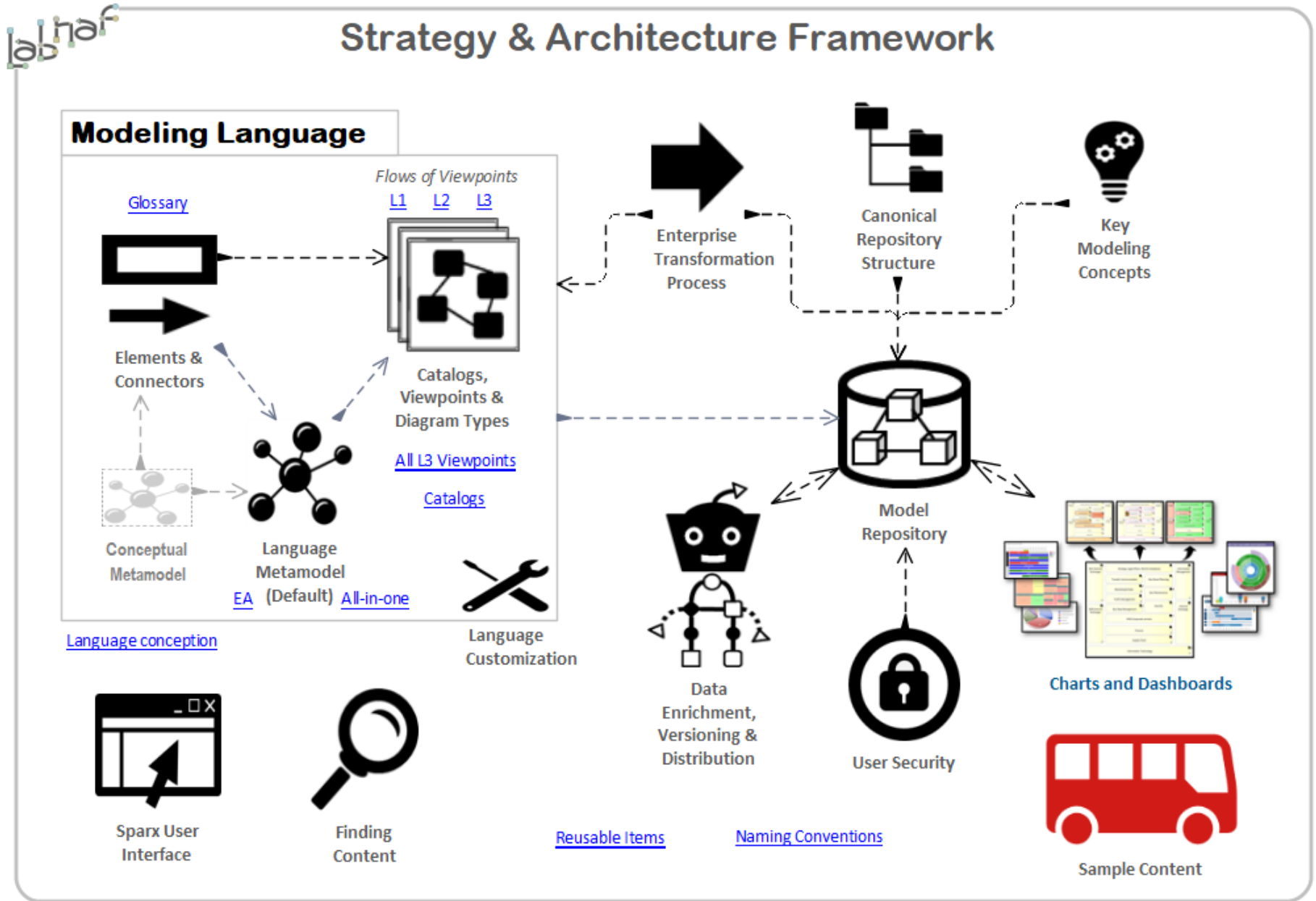


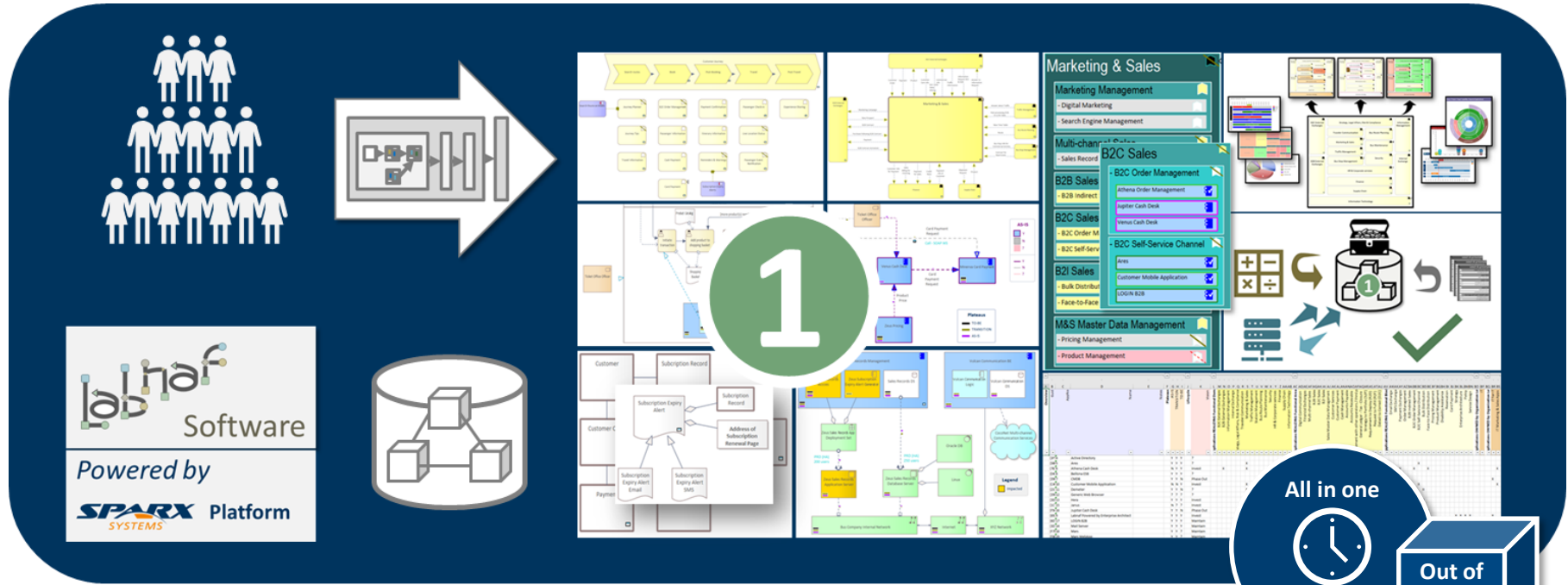
Labnaf,
ArchiMate,
BPMN,
SysML,
UML,
SOMF,
...
ANY language



Guidance Web Site

www.labnaf.one/guidance



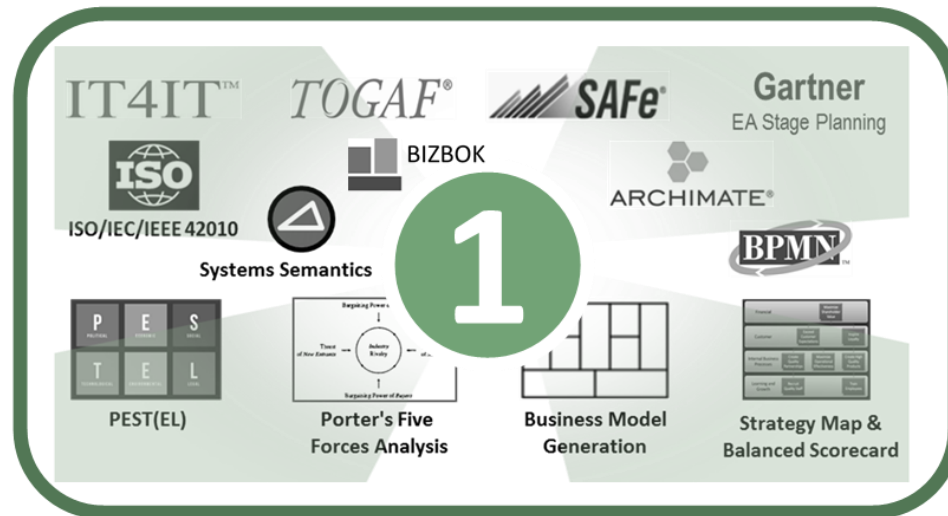


All in one and

Unified Framework for

Driving transformations

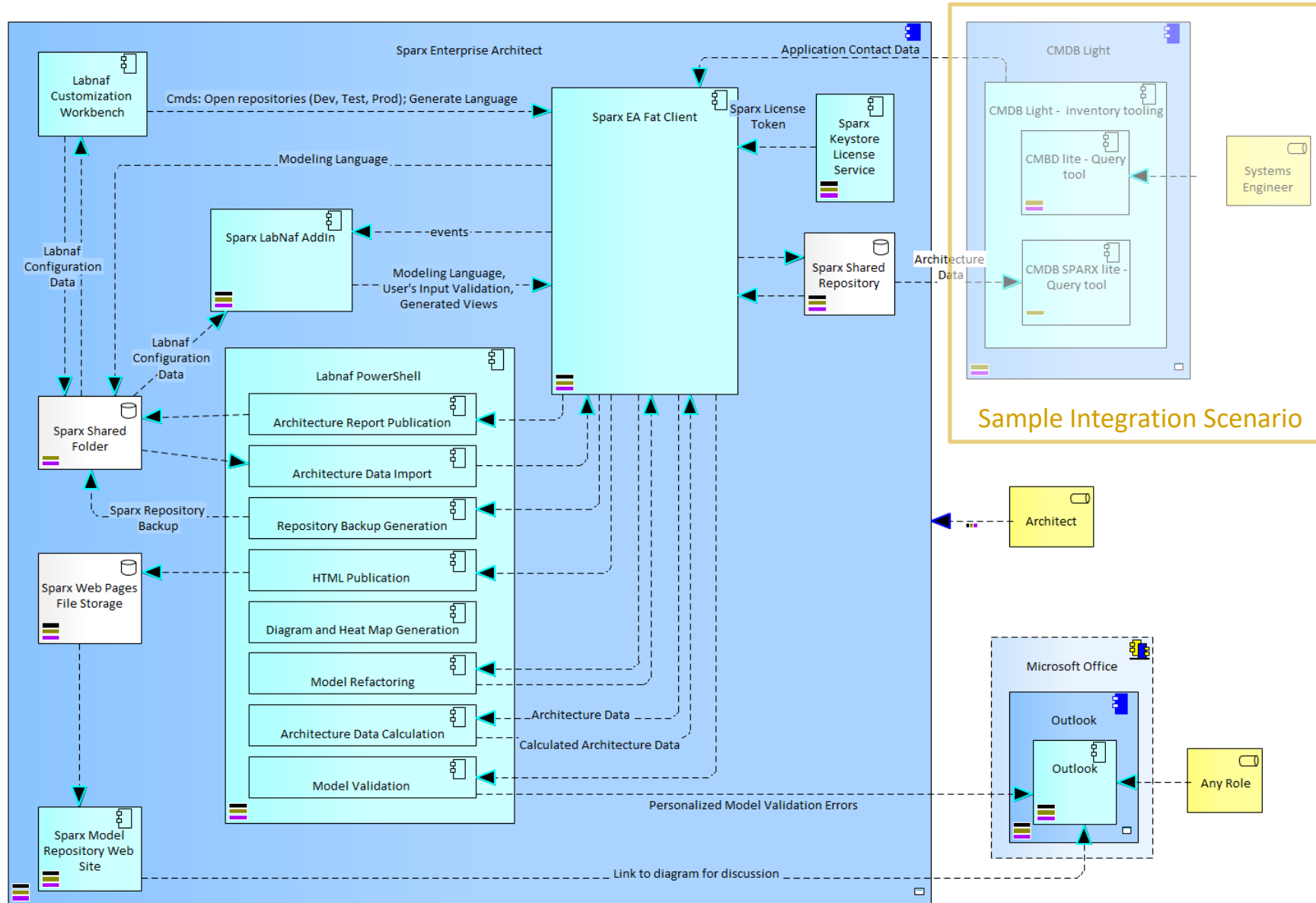
Actionable out of the box



BACKUP SLIDES



Sparx in the Application Portfolio



Sparx EA - What's in the box

Many model repository options

- **Local** Microsoft **Access** database
- **Shared** database: **SQL Server**, MySQL, Oracle...
- Possible **version control**: Subversion, CVS, TFS...

Many languages & Toolboxes

- (Too) Many languages
- No integration of standards
- Scope / domain-specific
- Switch between many complex toolboxes

Sparx SDK

- Tailoring the tool for an organization
 - Language
 - IDE
 - document generation
 - web publication
 - ...

What users don't want

Built-in Toolboxes

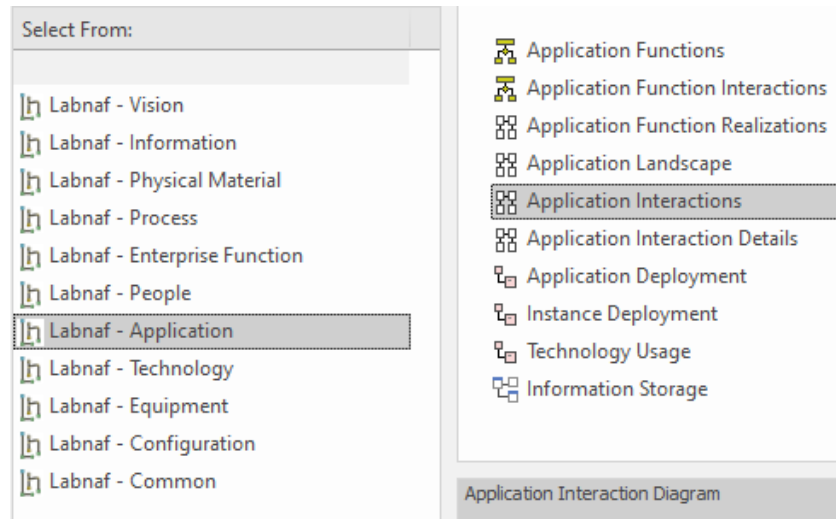
Use Case	XML Schema	GoF Patterns
Class	Documentation	ICONIX
Object	Test Domain	LieberLieber AUTOSAR Engineer
Composite	Dashboard	MindMapping
Communication	XMLTransform	NIEM
Interaction	ArcGIS	ODM
Timing	ArchiMate	Project Management
State	ArchiMate2	RiskTaxonomy
Activity	BPMN 1.1	SOMF 2.1
Component	BPMN 2.0	SPEM
Deployment	BPMN 1.0	User Interface - Simple
Profile	UML Standard Profile	SoaML
Metamodel	Business Rule Model	Strategic Modeling
Analysis	CodeEngineering	UMM 2.0 Profile
Business Modeling	Data Flow Diagrams	UPCC 2.0
Custom	Data Modeling	UPCC 3.0
Requirements	Entity Relationship Diagram	UBL Model Management
Maintenance	Eriksson-Penker Extensions	WebModeling
User Interface	GML	Whiteboard
WSDL	GRA-UML	User Interface - Win32
		Wireframing



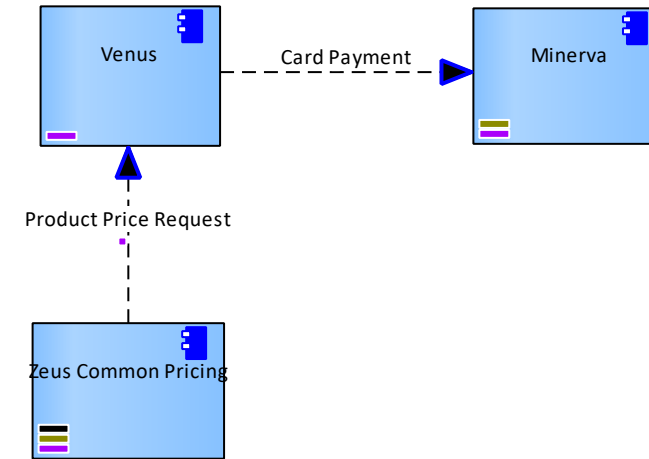
Diagram Types

What we want

When you select New diagram / ... the following list of Labnaf perspectives and diagram types appears



A Labnaf diagram type addresses a specific strategy or architecture viewpoint



Toolboxes

What we want

Each diagram type has its own toolbox.

Each diagram-specific toolbox only contains the elements and connectors that are relevant to this diagram type.

Toolbox for the diagram type
“Application Interactions”

- Application Interaction
 - Application
 - Role
 - Organization Function
 - Organization
- Application Interaction Connectors
 - Application Flow
 - Depends on

All elements and connectors used

(These are not actual toolboxes)

- Vision
 - Strategic Theme
 - Strategic Objective
 - Goal
 - Standard
 - Principle
 - Demand
 - Epic
 - Capability
 - Feature
 - Story
- Information
 - Information Domain
 - Entity
 - Representation
 - Data Object
- Process
 - Process
 - Start Event
 - Intermediate Event
 - Gateway
 - Activity
 - End Event
 - Swimlane
- Enterprise Function
 - Functional Domain
 - Functional Area
 - Functional Block
 - Functional Category
 - Functional Service
 - Access Point
- Physical
 - Equipment Function
 - Equipment Service
 - Equipment
 - Equipment Type
 - Facility
 - Distribution Network
 - Location
 - Material
- People
 - Organization Function
 - Organization Service
 - Role
 - Organisation
 - Individual
 - Contract
- Application
 - Application Function
 - Application as a Service
 - Application Service
 - Application Platform
 - Application Group
 - Application
 - Application Component
 - Data Store
- Technology
 - Technology Function
 - Technology as a Service
 - Node Type
 - System Software
 - Communication Network
 - Interface Protocol
 - Application Deployment Set
 - Logical Node
 - Instance Deployment Set
 - Node Instance
- All Connectors
 - Access
 - Association
 - Application Flow
 - Component Flow
 - Depends on
 - Deployment
 - Evolves into
 - Flow is allowed by firewall
 - Functional Flow
 - Functional Performer Flow
 - Impacts
 - Influences
 - Instance is part of
 - Instance is deployed on
 - Instance realizes
 - Is a constituent of
 - Is assigned to
 - Is bound by contract
 - Is owned by
 - Is part of
 - Network Interlink
 - Node to Network Connection
 - Path between Nodes
 - Physical Flow
 - Realizes
 - Specializes
 - Triggers

