

Agenda

- Challenges of modeling and consuming processes
- Latest Product Demonstration
- Roadmap
- Additional Libraries



An enterprise solution for all of your process initiatives

- PTC Integrity Process Director is a highly scalable and practical tool for establishing, measuring, managing, and improving your organization's operational, engineering, and development processes

The screenshot displays the PTC Integrity Process Director interface. The top left shows the title "PTC Integrity™ Process Director" and the URL "uk-hom-ltp-003/ategoprocessdirectorweb/demo". A search bar is located at the top right. The main content area is divided into several sections:

- Library summary:** A section with a search bar and a "Search" button.
- Process library maturity:** A section with a line graph and statistics: "2 definitions accessed this month", "265 definitions created in total", "262 definitions created or updated this month", and "0 metadata values entered this month".
- Content:** A section with a "New and updated definitions" table.
- Communication:** A section with a "Discussions" table.
- Navigation:** A sidebar with "Back to libraries", "New definition", "Browse", "Library summary", "Recently viewed", "New definitions (6 days ago)", "Updated definit", "Library structur", "Browse by tags", and a list of tags.
- BPMN View:** A section titled "V Model (rev 8)" with tabs for "View", "Structure", "Metadata", "Discuss", and "BPMN View". It shows a BPMN diagram with a "Horizontal" view selected. The diagram includes tasks like "Plan Release Testing", "Build Business Case", "Requirements Analysis", "Define technical architecture", "Create User Interface Style Guide", "Prototyping", "Document system view of requirements", "Add extra detail to requirements documentation", and "Document the proposed solution".

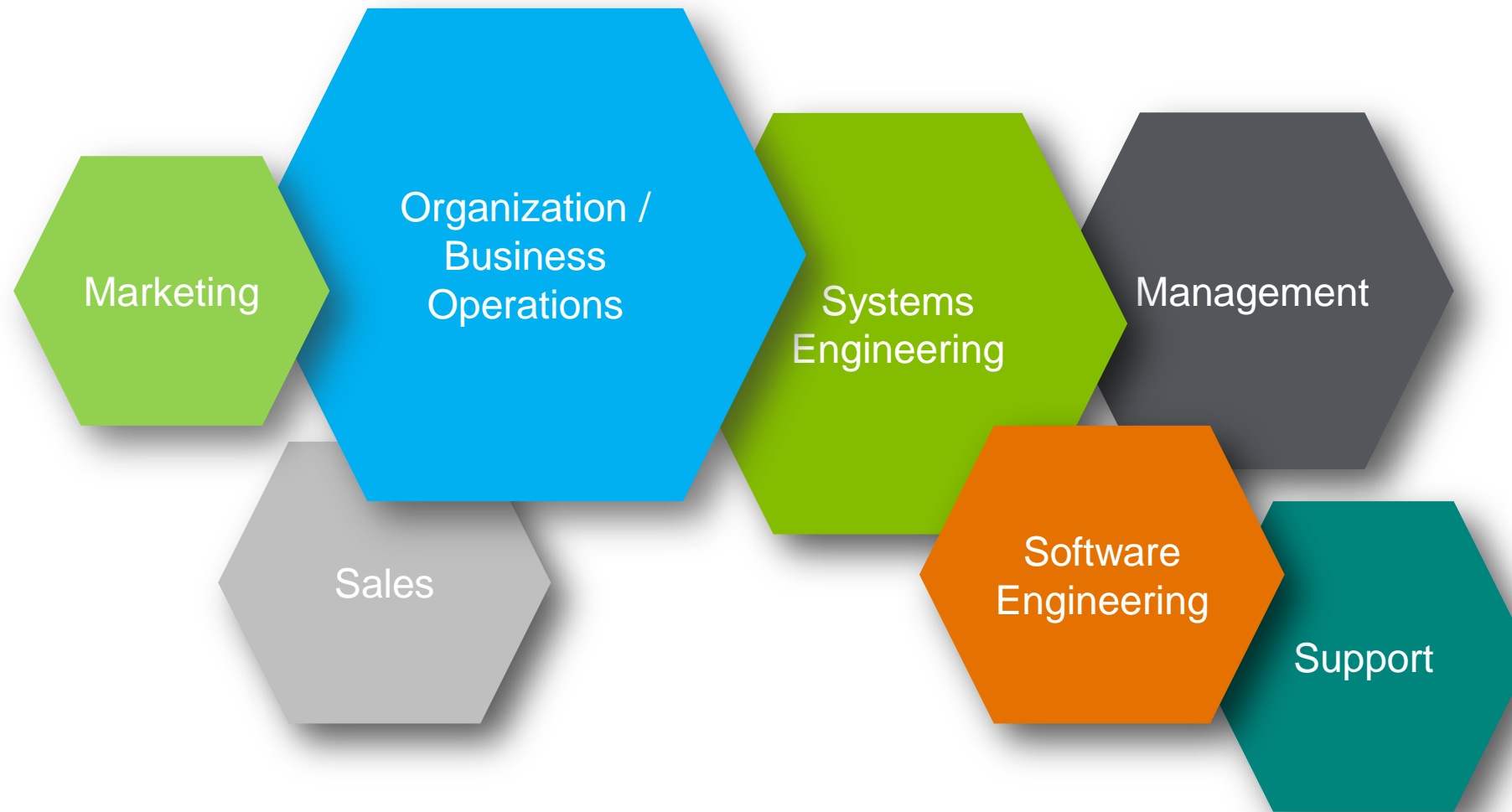
New and updated definitions	
Hedley	40 minutes ago
Hedley LC1	4 days ago
Action Plan	4 days ago
Analysis	4 days ago
Last	6 days ago
Waterfall lifecycle	3 weeks ago
Document 1	5 weeks ago
Frinal	5 weeks ago
New	8 weeks ago
Hedleyp1	17 weeks ago

Discussions	
Process Observation	Hedley Apperly, 5 weeks ago
Create business process model	Hedley Apperly, 13 weeks ago

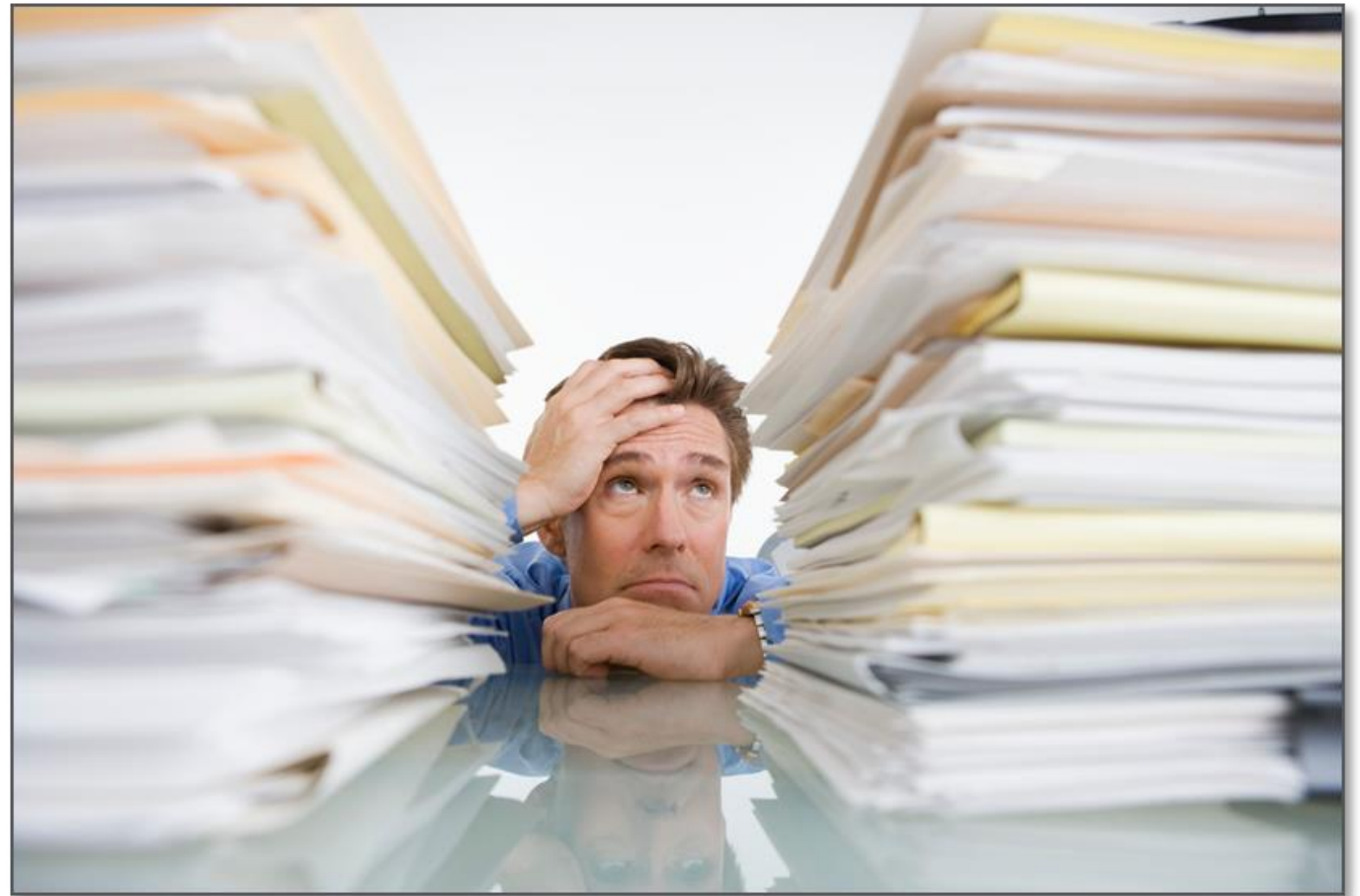
Why you use processes.



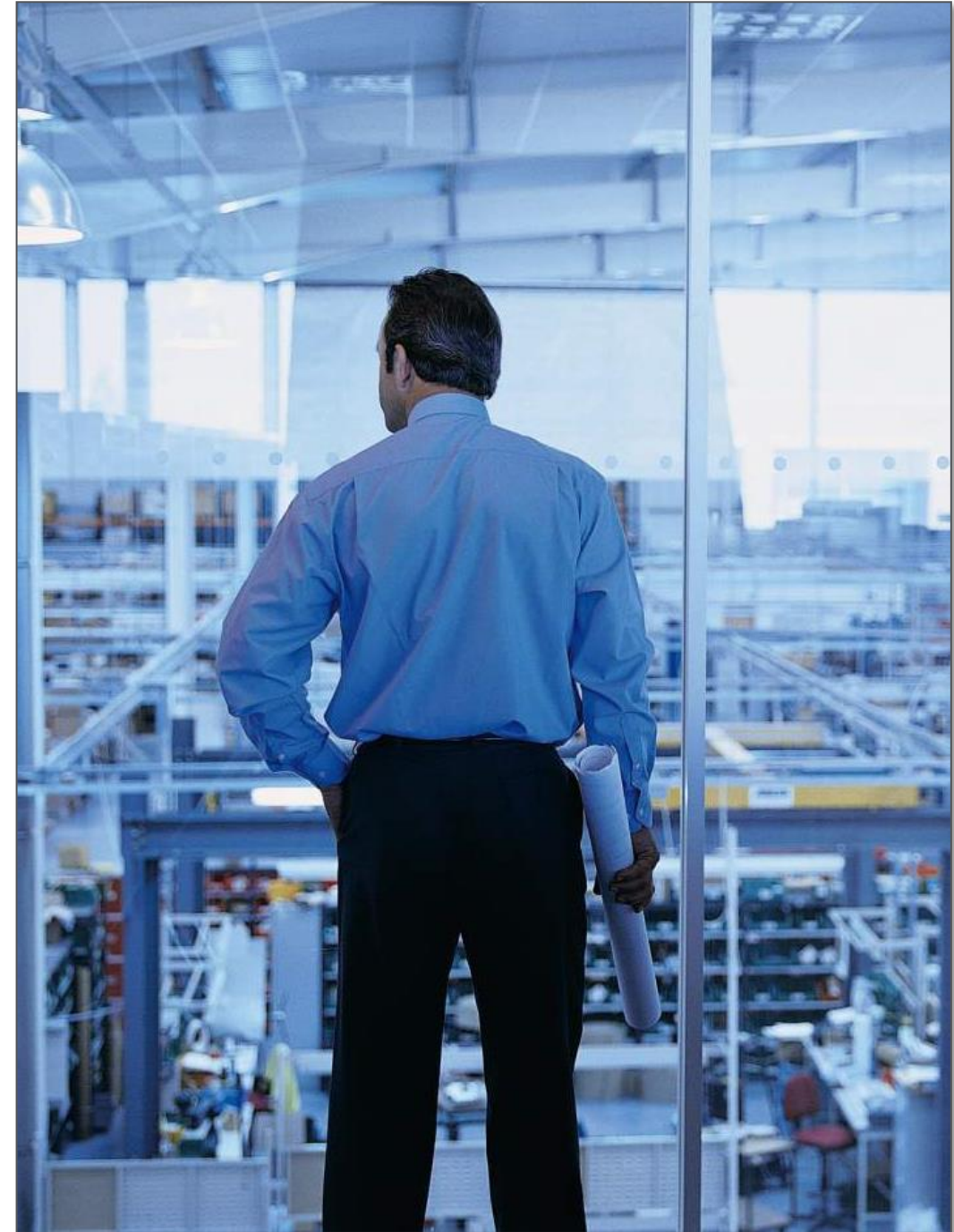
Many roles throughout your entire organization follows processes to connect objects, people and tools



- **Wide Array of Process Options & Formats**
 - Books, Methodologies, Websites, Training Materials...
 - Waterfall, Spiral, Iterative, Incremental, Agile, Rapid, Safety Critical...
 - Proprietary, Open Source, Confidential, Intellectual Property...
- **Process Selection Challenges**
 - Current Maturity, Desired Maturity...
 - People Skills, Existing Tools...
 - Mandated Deliverables, Risks...
 - Program/Project Objectives...
- **Process Management & Supply**
 - Location, Consistent, Current...



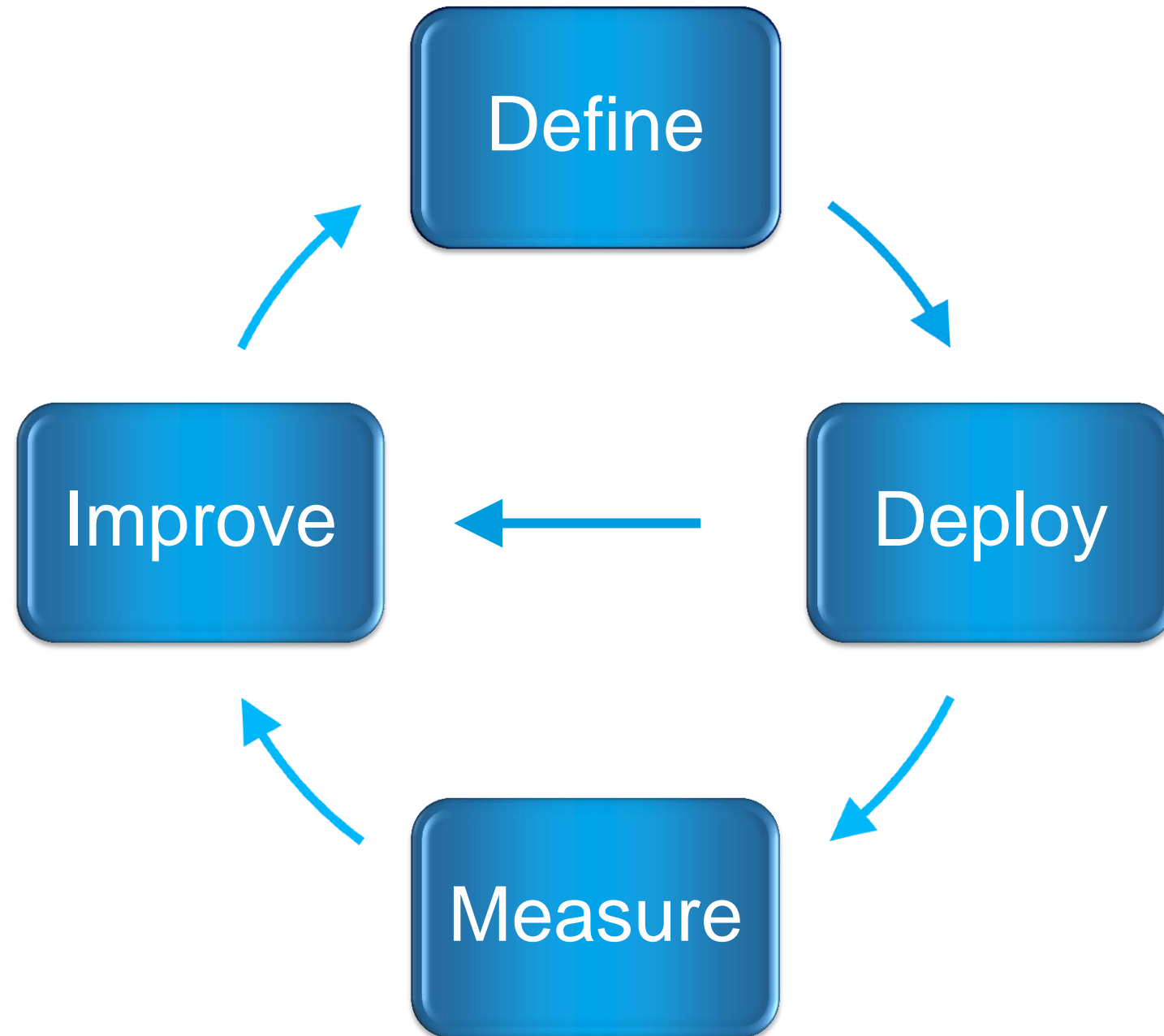
- **Process Consumption – ‘Actually Getting the Process Used’**
 - Accessible, Contemporary, Consist, Appealing, Useful...
 - Integrated with current Tools and Environment...
 - Controlled, Focused, Appropriate...
- **Process Measurement**
 - Actually Used
 - Estimation & Actual Metrics
 - Deliverables, Quality...
- **Process Improvement**
 - Feedback Loop
 - Involvement, Discussion...

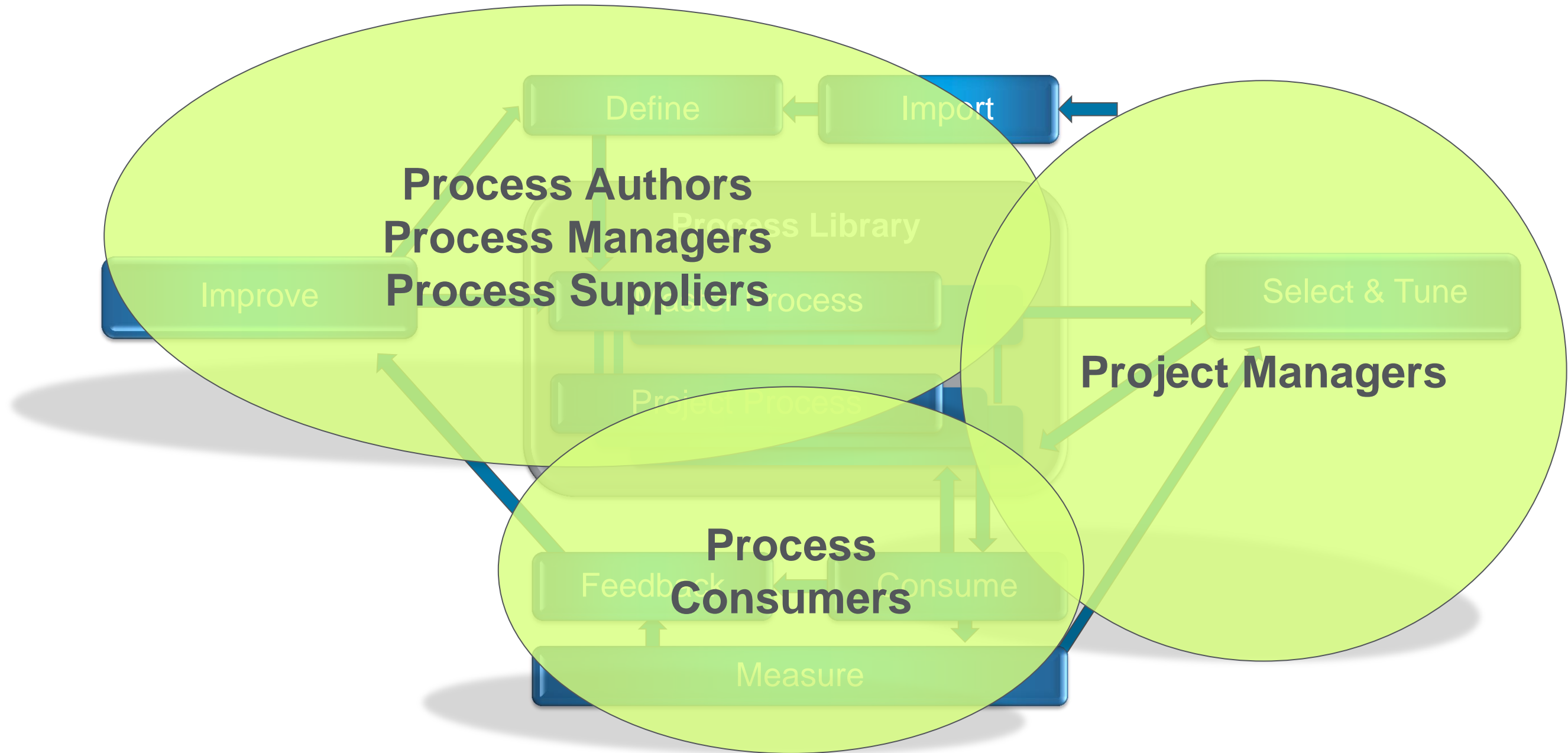


- **Process Options & Formats**
 - What processes are available, reusable?
 - **Process Selection Challenges**
 - How prescriptive should my process be?
 - **Process Management & Supply**
 - How to store and supply process?
-
- **Process Consumption**
 - How to actually get processes used?
 - **Process Metrics**
 - How do you measure process?
 - **Process Improvement**
 - How do you know what's working and what's not?



4 Key Activities for Optimization





Product Demonstration

CAPABILITIES

- Rich Process Content Authoring
- Process Deployment
- Project Initiation Wizard
- Project Plan Generation
- Process Inventory in the Box
 - Full Lifecycle; Systems, Software,
 - Perspective & Others

PTC Integrity™ Process Director™
uk-hom-ltp-003/ategoprocessdirectorweb/demo

Search for...

*** Library summary**

Process library maturity

- 2 definitions accessed this month
- 265 definitions created in total
- 262 definitions created or updated this month
- 0 metadata values entered this month

Content

New and updated definitions

Hedley	40 minutes ago
Hedley LC1	4 days ago
Action Plan	4 days ago
Analysis	4 days ago
Last	6 days ago
Waterfall lifecycle	3 weeks ago
Document 1	5 weeks ago
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Communication

Discussions

Process Observation	Hedley Apperly, 5
Create business process model	Hedley Apperly, 13

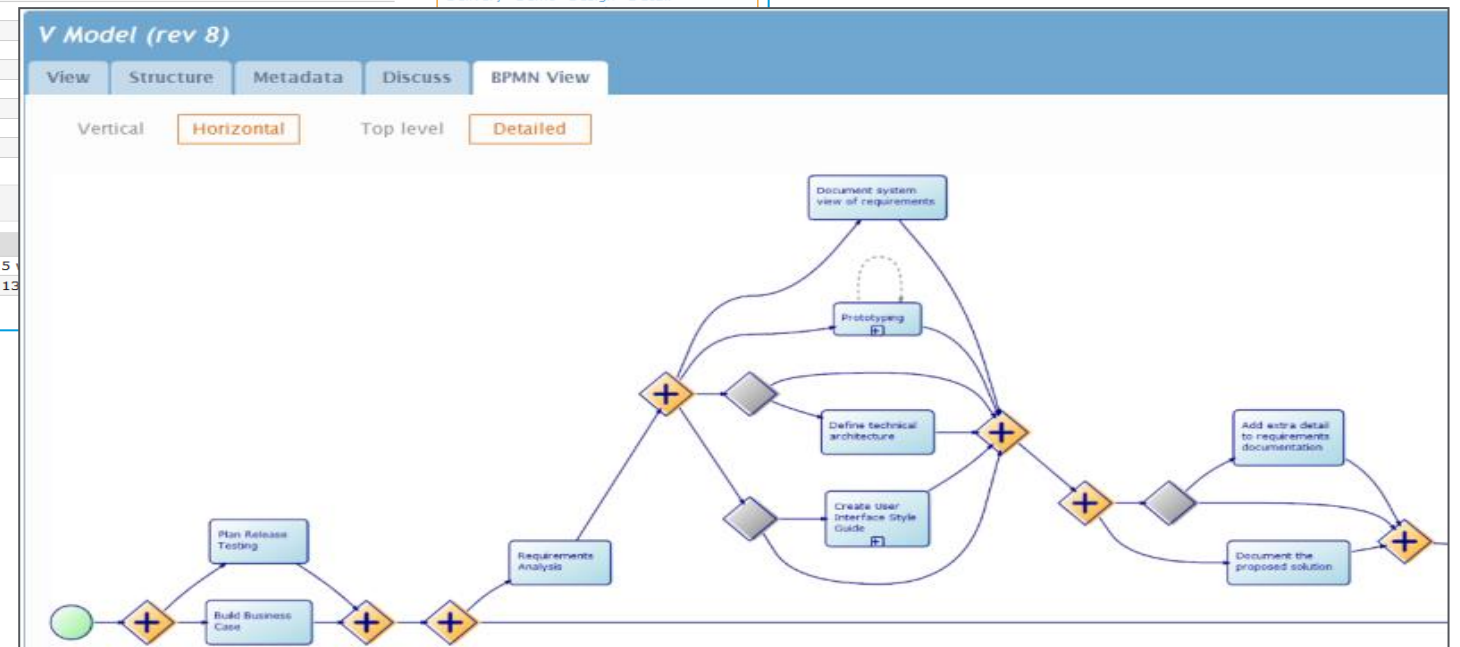
Back to libraries

New definition

Browse

- Library summary
- Recently viewed
- New definitions (6 days ago)
- Updated definitions (40 minutes ago)
- Library structure
- Browse by tags

untagged Analysis Business Analysis
Business Analysis Team Business Process
Construction Customer Team
Data Management Data Services Team
Delivery Demo Design Detail



BENEFITS

Merge Industry Best Practices
and your Experience to improve
Quality

Achieve the Promised
Productivity Improvements from
your Processes

Reduce Costs of Process
Definition and Rollout

CURRENT CAPABILITIES

- System and Software Process Inventory in the Box
 - ISO 26550
 - ISO 15288
- Documented with PTC Best Practices
- Steps matched to Techniques

The screenshot displays the PTC Integrity Process Director interface. At the top, it shows the URL `processdirector38.atego.com/integrityperspectivecore` and a search bar. The main content area features the PTC Integrity Process Perspective logo and a description: "The PTC Integrity Process Perspective provides proven best practices for Systems & Software Engineering, combining ISO Standards & PTC expertise. The process is broken down into three main areas, the PTC Integrity Process Perspective 'MAP'".

The MAP is visualized as a hexagonal grid with three main areas:

- M** Model-based Systems and Software Engineering
- A** Asset-based Modular Design
- P** Product Line Engineering

Below this, there are two text boxes providing additional context:

These process areas can be used in individually or combined, depending on the specific needs an organization(s). Model-Based Systems & Software Engineering (MBSE) is the core PTC Integrity's Asset-Based Modular Design, to facilitate Systems of Systems (SoS), Service Oriented Development. The PTC Integrity Process Perspective MBSE can also be extended with Integrity product families and their variability. Finally, all three can be combined, to apply Integrity's Model Process Perspective.

The following ISO Standards are documented in this process library and referenced by the steps compliance:

- [ISO 15288:2008](#) Systems Engineering standard covering processes & life cycle stages
- [ISO 26550:2013](#) Software & Systems Engineering – Reference Model for Product Line

On the right side, there is a navigation menu with options like "Back to libraries", "New definition", "Browse", "Home", "Library summary", "Recently viewed", "New definitions (2 weeks ago)", "Updated definitions (2 weeks ago)", "Library structure", and "Browse by tags".

The bottom portion of the screenshot shows a detailed BPMN diagram for the "V Model (rev 8)". The diagram is viewed in "Horizontal" and "Detailed" modes. It illustrates a process flow starting with "Plan Release Testing" and "Build Business Case", leading to "Requirements Analysis". This is followed by a complex sequence of tasks including "Define technical architecture" and "Create user interface style guide", which then leads to "Document system view of requirements", "Prototyping", "Add extra detail to requirements documentation", and finally "Document the proposed solution".

BENEFITS

Reduce time to enable system and software engineering initiatives

Ensure compliance with ISO standards

Reduce Costs of Process Definition and Rollout

June 2015

• Natural Language Diagramming

- Capture best practices as you type
- Speed process documentation
- Accelerate process engineering workshops
- Reduce barriers to process modeling



Process – high level definition

Requirements capture ? If no ToR Analysis
(
Design
Prototyping
(
Cod

• Expanded Business Process Modeling Notation (BPMN)

- BPMN-compliant inputs & output model items

• Visual Meta Modeling

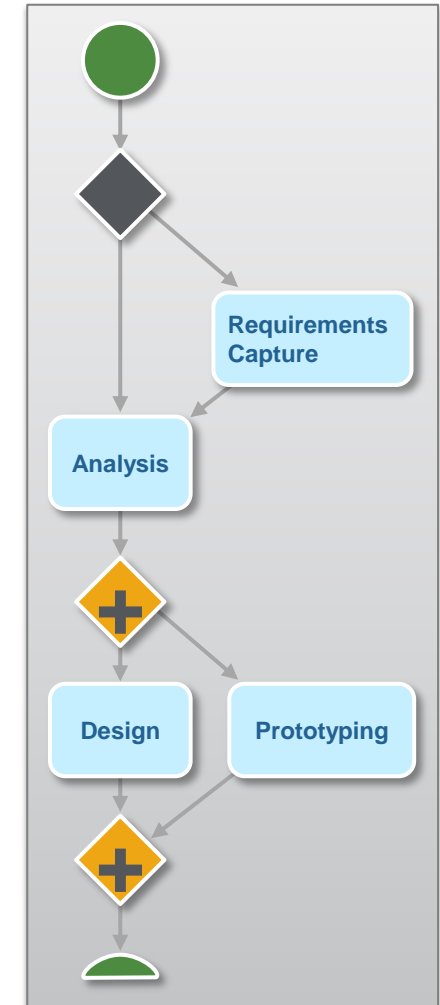
- Graphically design process templates
- Meta-model export & import

• Predecessor Steps

- Design complex process loop-backs
- Map to real world process definition

• Mobile Web Ready

- Access from smartphones and tablets



Process builder

Process name:

Process description:

Type your process steps in the area to the left

Each process on a new line
(
Brackets keep
Concurrent processes
Together
)
Optional process ? Optionality text
Iterative processes * Iteration text

[<< Try this text](#)

-
-
-

Title:

- Edit
- Properties
- Usage Properties
- Steps
- Project Metadata



Add gateway



Add placeholder step

Add process step

Full-text Filter-Process

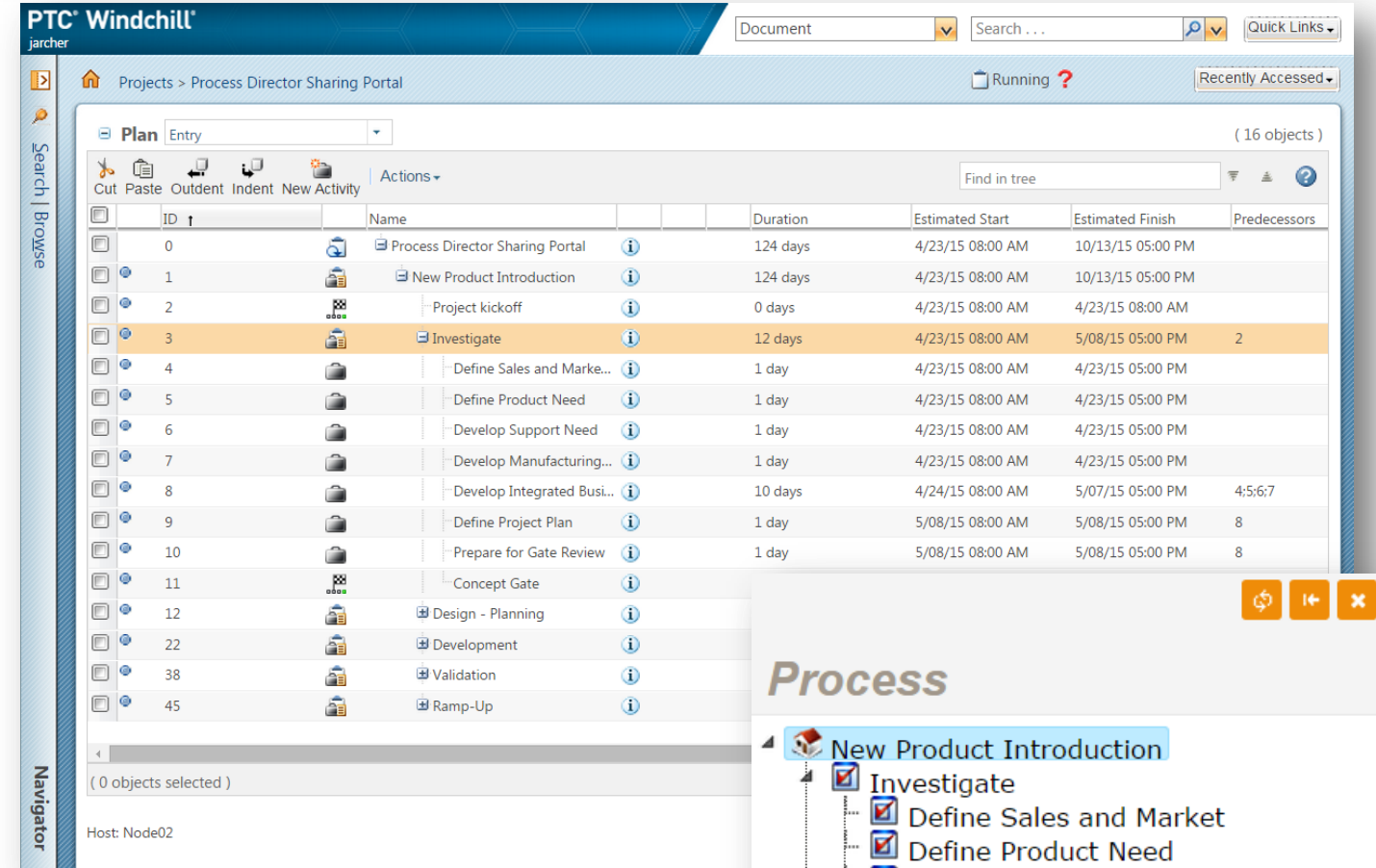
- untagged
- Analysis
- Architect
- Business Analysis
- Business Analysis Team
- Business Process
- Construction
- Customer Team
- Data Management
- Data Services Team
- Delivery
- Design
- Detail
- Development
- General
- Incremental Delivery
- Interview Procedures
- Lifecycle
- Misc
- Operations Team
- Phase
- Planning
- Problem Solving



Sept 2015

- **Integration with Windchill ProjectLink**

- ProjectLink – Generation & Synchronization
- Windchill for Process Director Document/Deliverable Management – URL Links



- **PTC Integrity Lifecycle Manager**

- Integrity Lifecycle Manager for Process Director Document/Deliverable Management – URL Links

- **LDAP**

- Group Role Base Login
- Automatic User Creation

- **Standard-based Import/Export**

- XPDL
- BPEL

- **Sub-Process Export**

- Your feedback is valuable
- Don't miss out on the chance to provide your feedback
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