

DevOps World 2020

# Traceability is the New Superpower!

**Making IT flow**



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Forum (with The Open Group)

**DEVOPS  
WORLD**  
by CloudBees

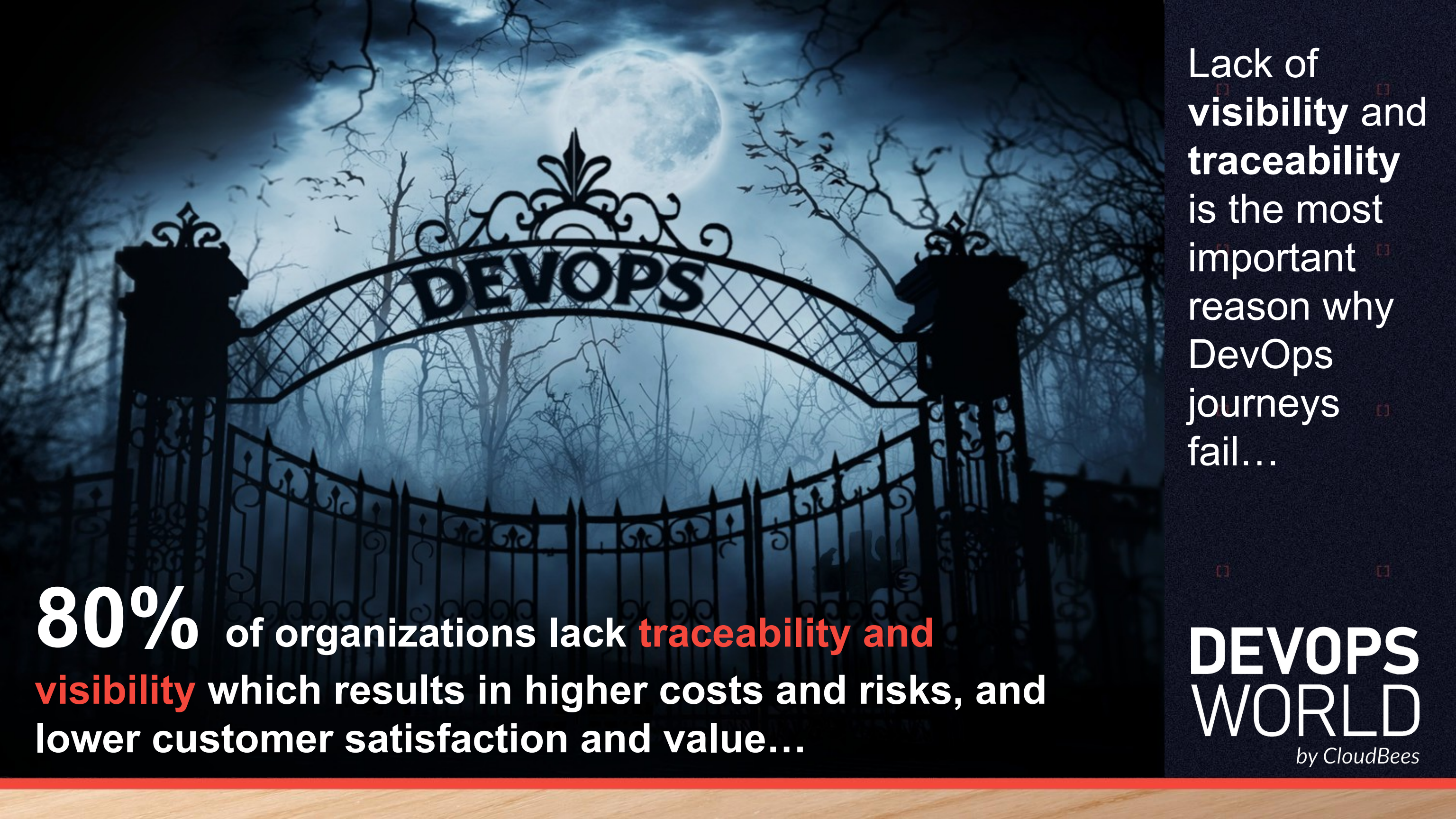


# To deliver the promise of DevOps you need Traceability at the centre of your IT operating model...

- Faster time to market
- Higher release frequency
- Faster Time to Fix
- Faster request fulfilment e.g. onboarding new employee







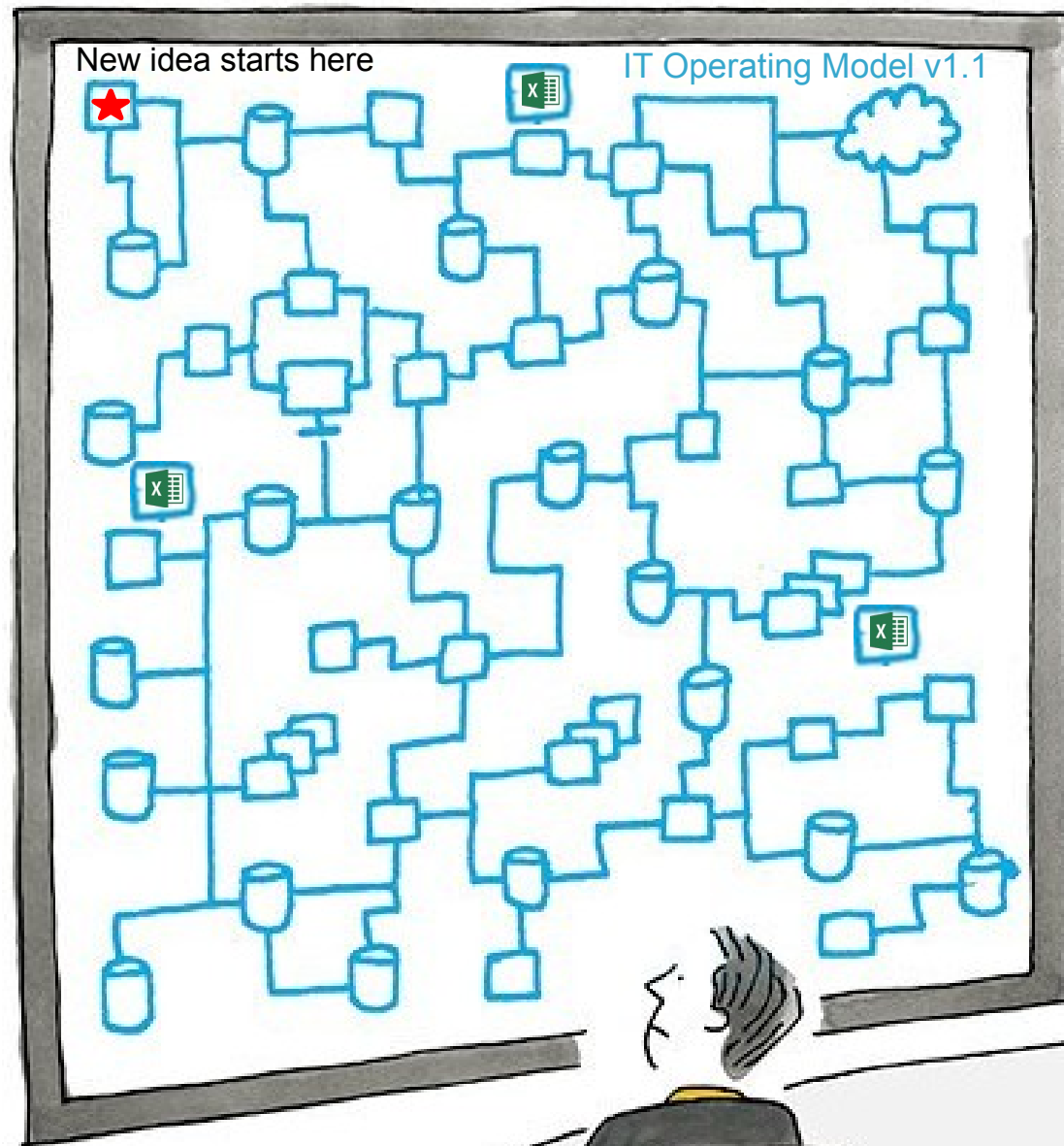
Lack of  
**visibility** and  
**traceability**  
is the most  
important  
reason why  
DevOps  
journeys  
fail...

**80%** of organizations lack **traceability** and  
**visibility** which results in higher costs and risks, and  
lower customer satisfaction and value...

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# HOW DO WE MANAGE OUR DIGITAL ECOSYSTEM?

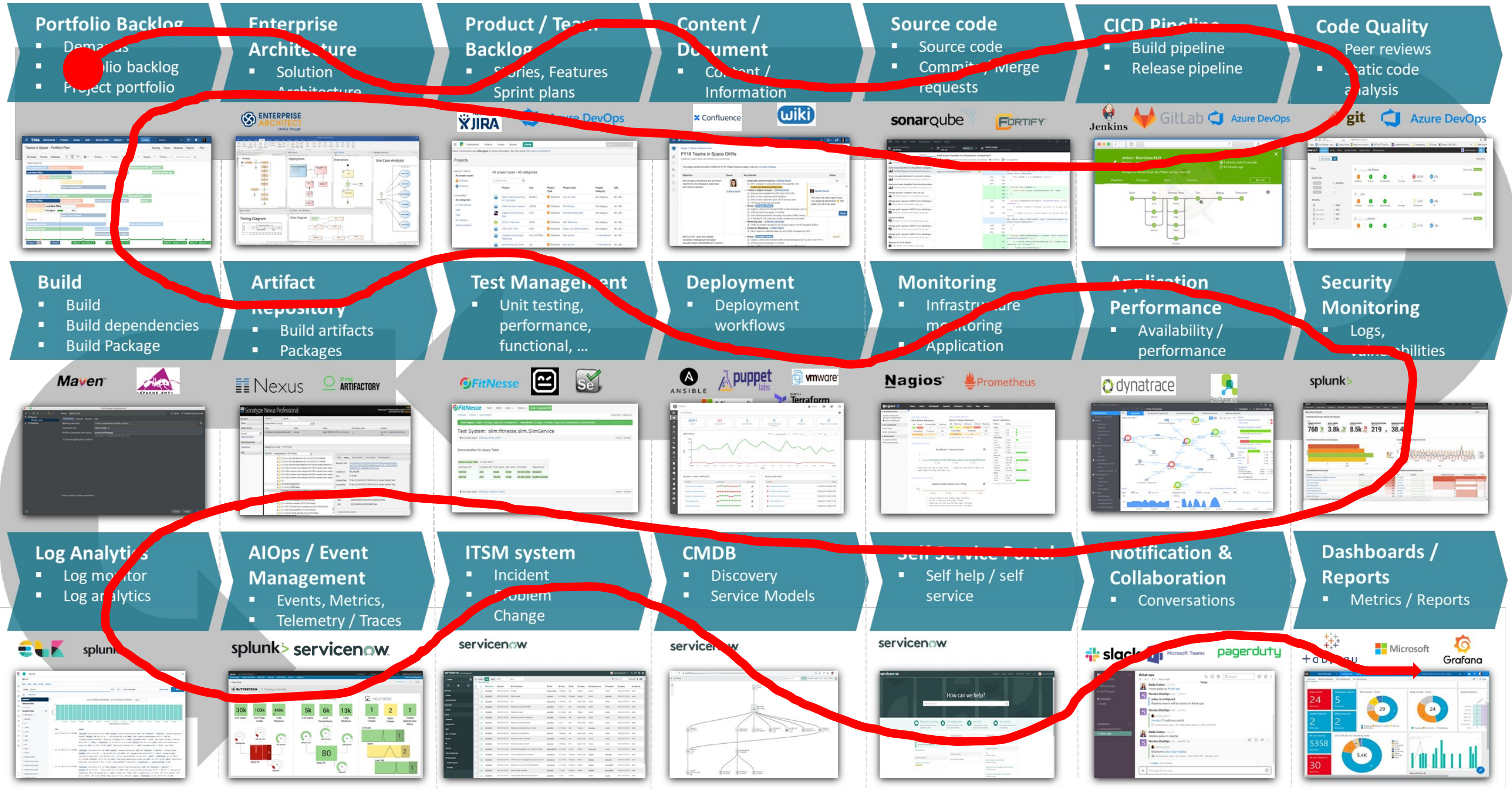


THIS IS HOW WE  
CURRENTLY SUPPORT  
OUR DEVOPS  
ENGINEERS IN THEIR  
DIGITAL JOURNEY...

LOOKS LIKE WE NEED  
TO WORK ON OUR  
**IT4IT** STRATEGY...



# The complexity of the DevOps Tool Chain is increasing...

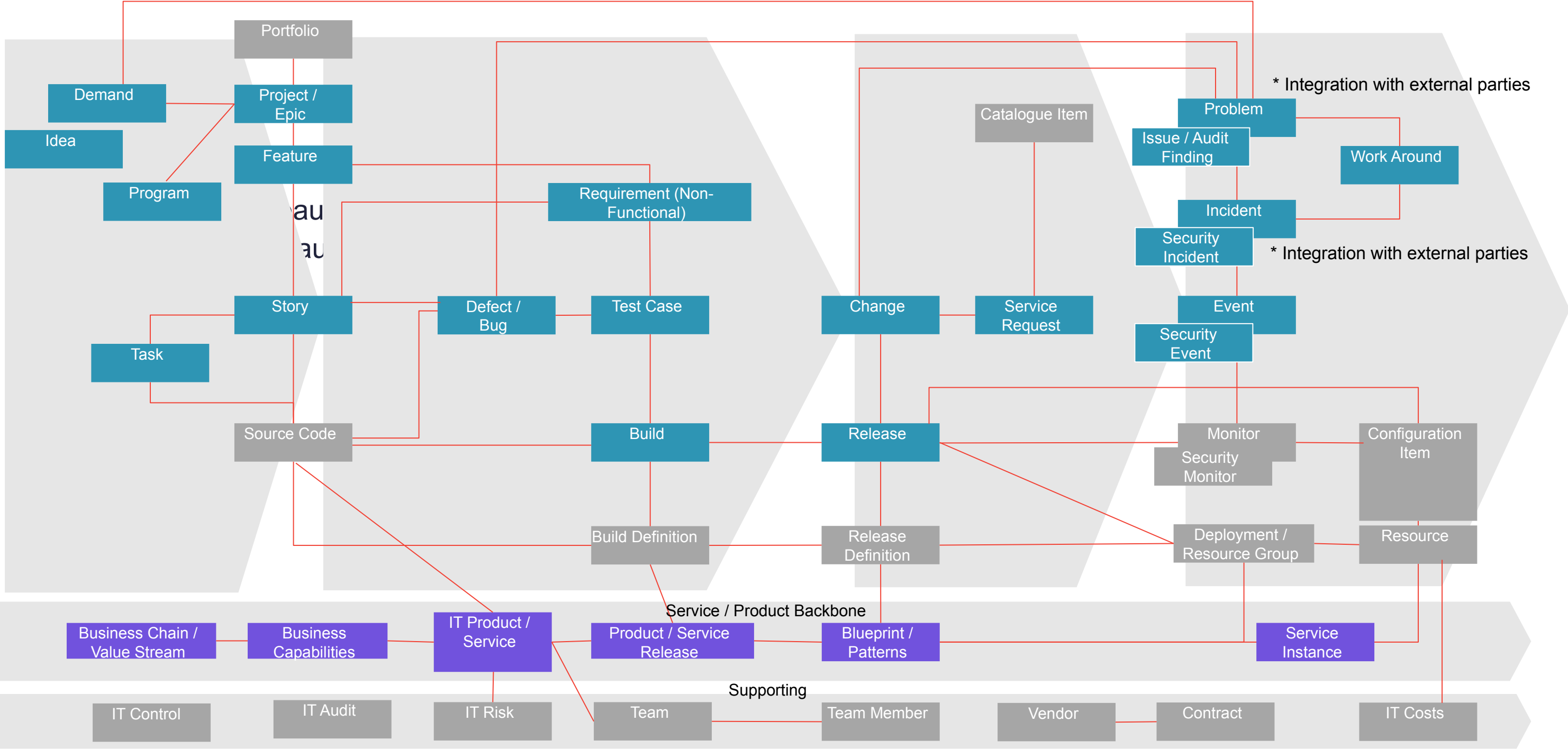




# TRACEABILITY AND TRANSPARANCY IS THE NEW SUPERPOWER

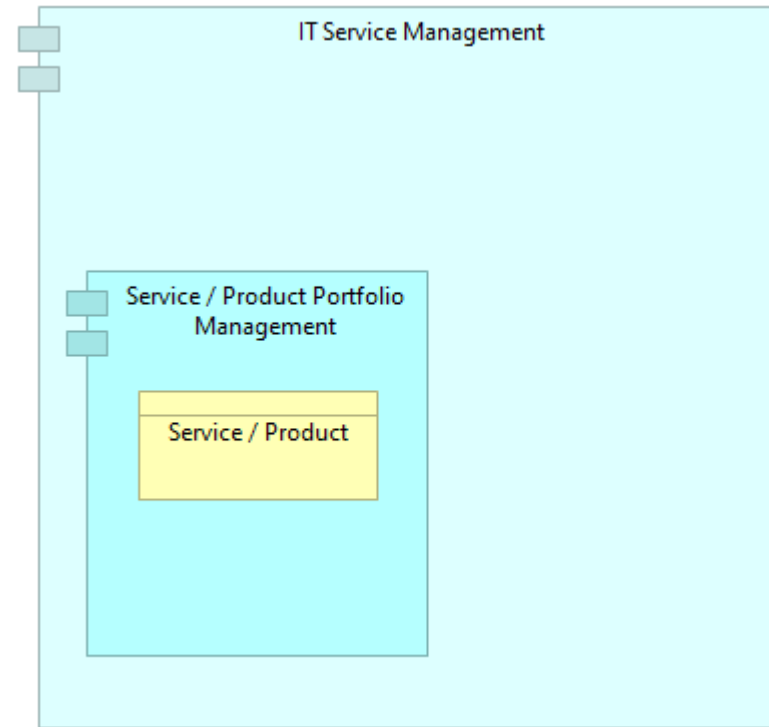
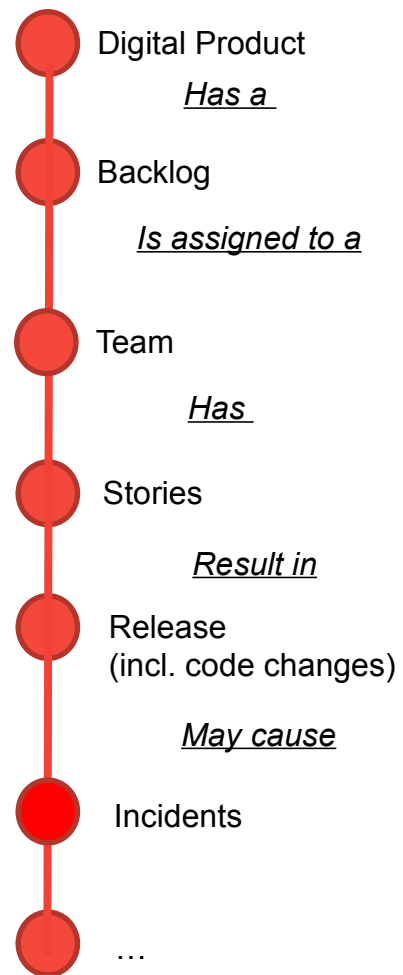


# Don't focus at your tools...but focus on the *data* and *data flows*...



# Example of how to create traceability...

## Example:

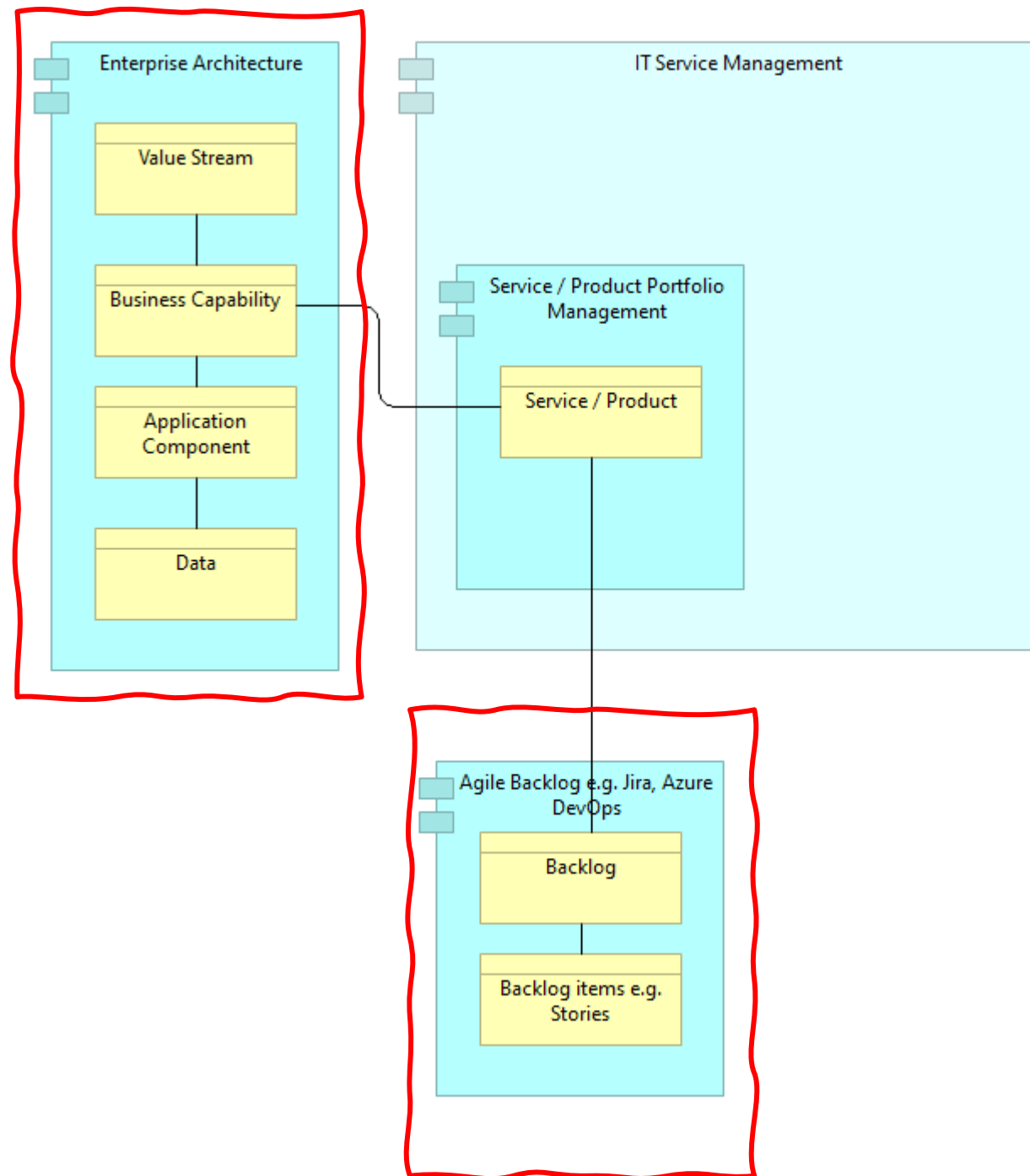


**Define the product portfolio  
(and related product owners  
and DevOps teams)**



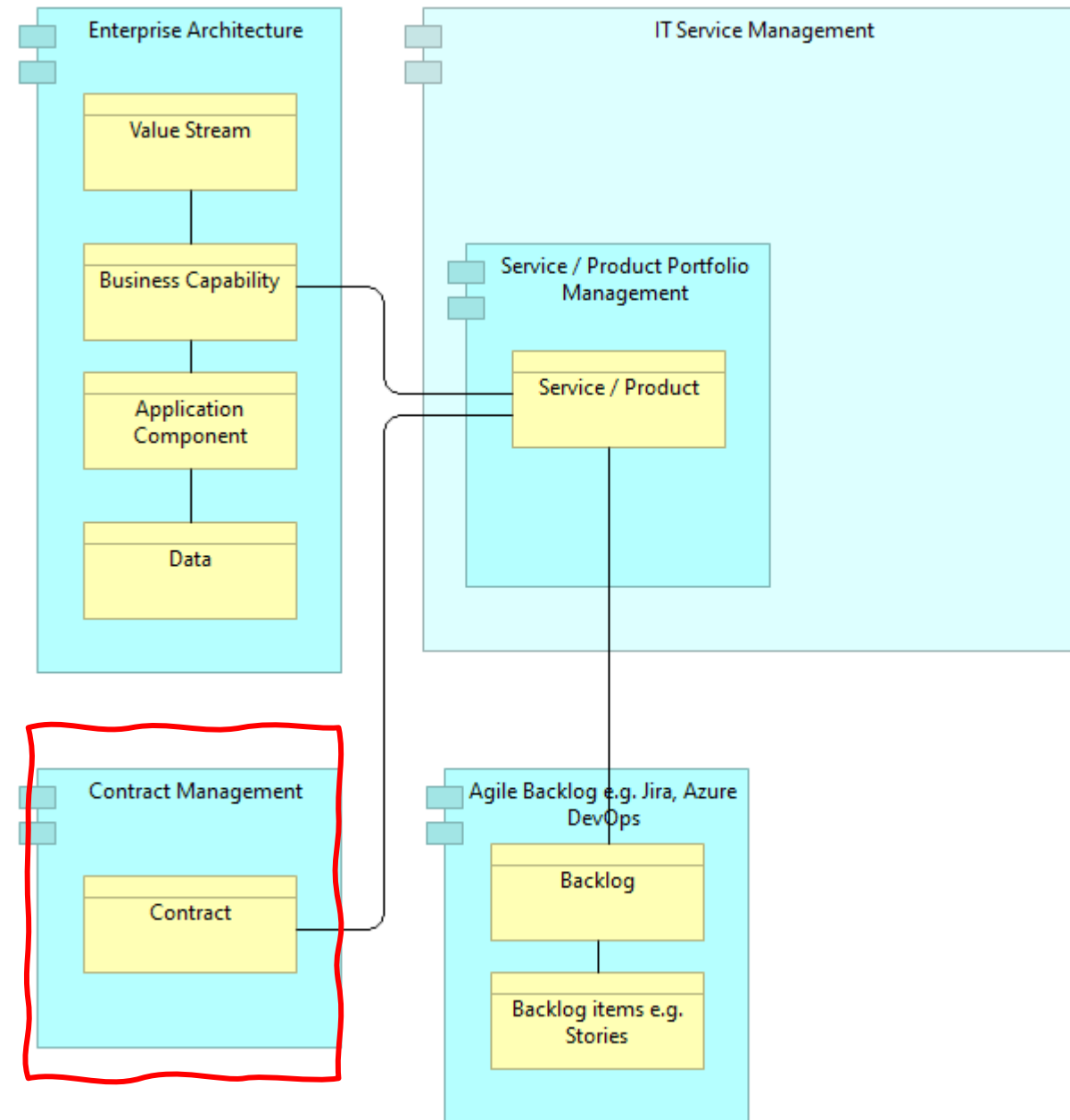
# Link services / products to Enterprise Architecture...

*Understand how products deliver value...e.g. enable business capabilities*



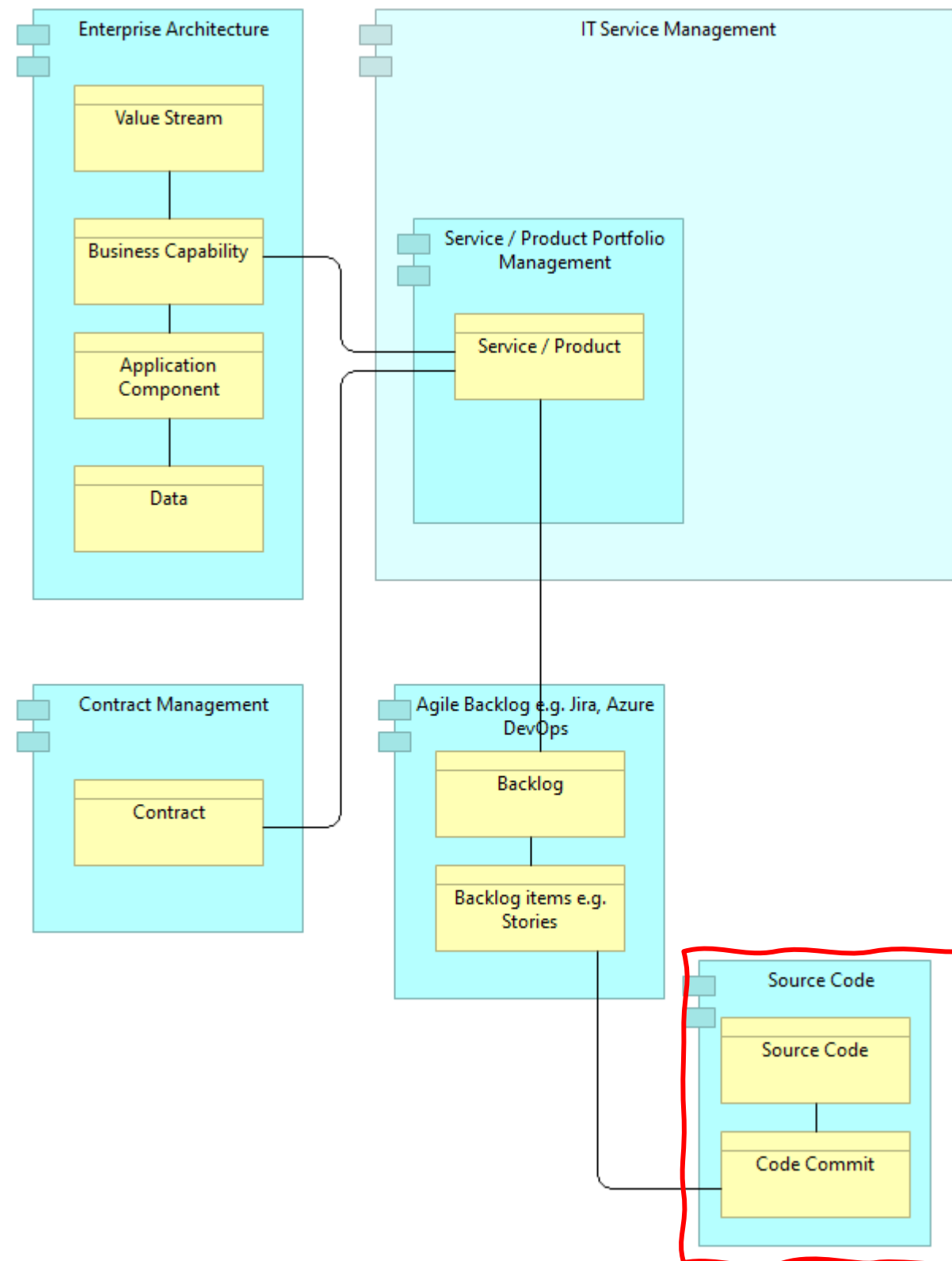
*Link the backlog to the products in the portfolio...*

# Link service / product to the contracts & licenses

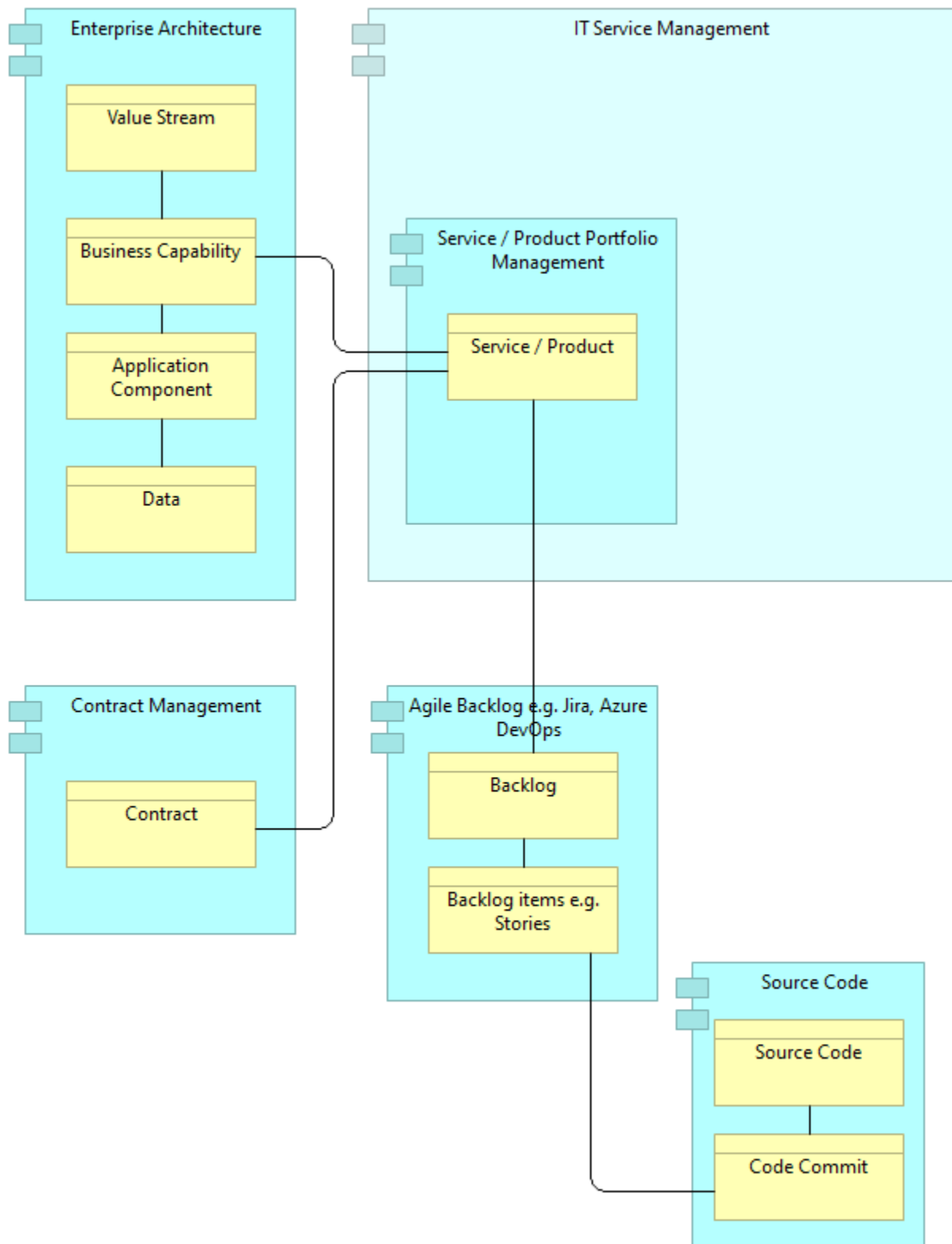


***Link products to contracts  
(and related vendors)***

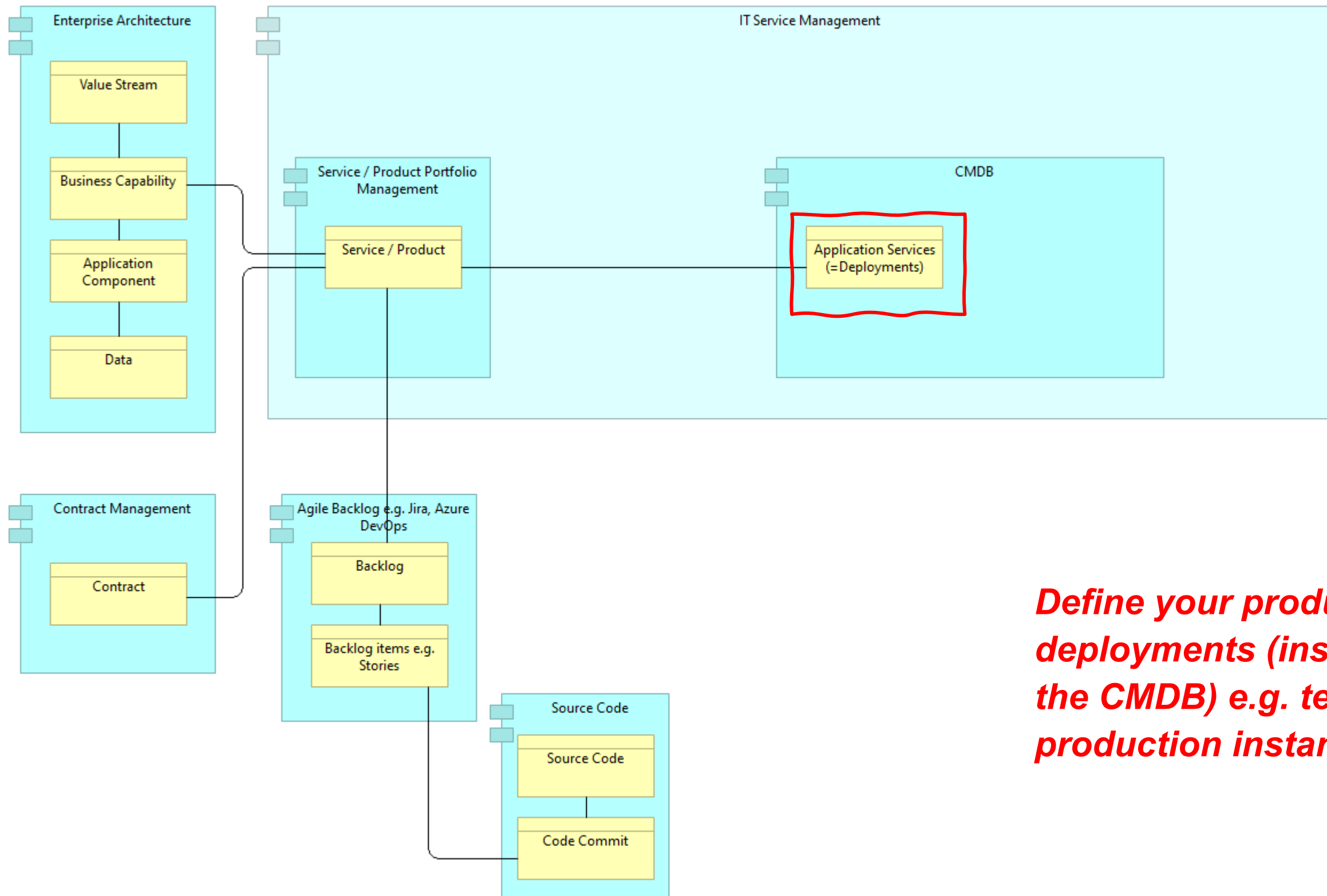




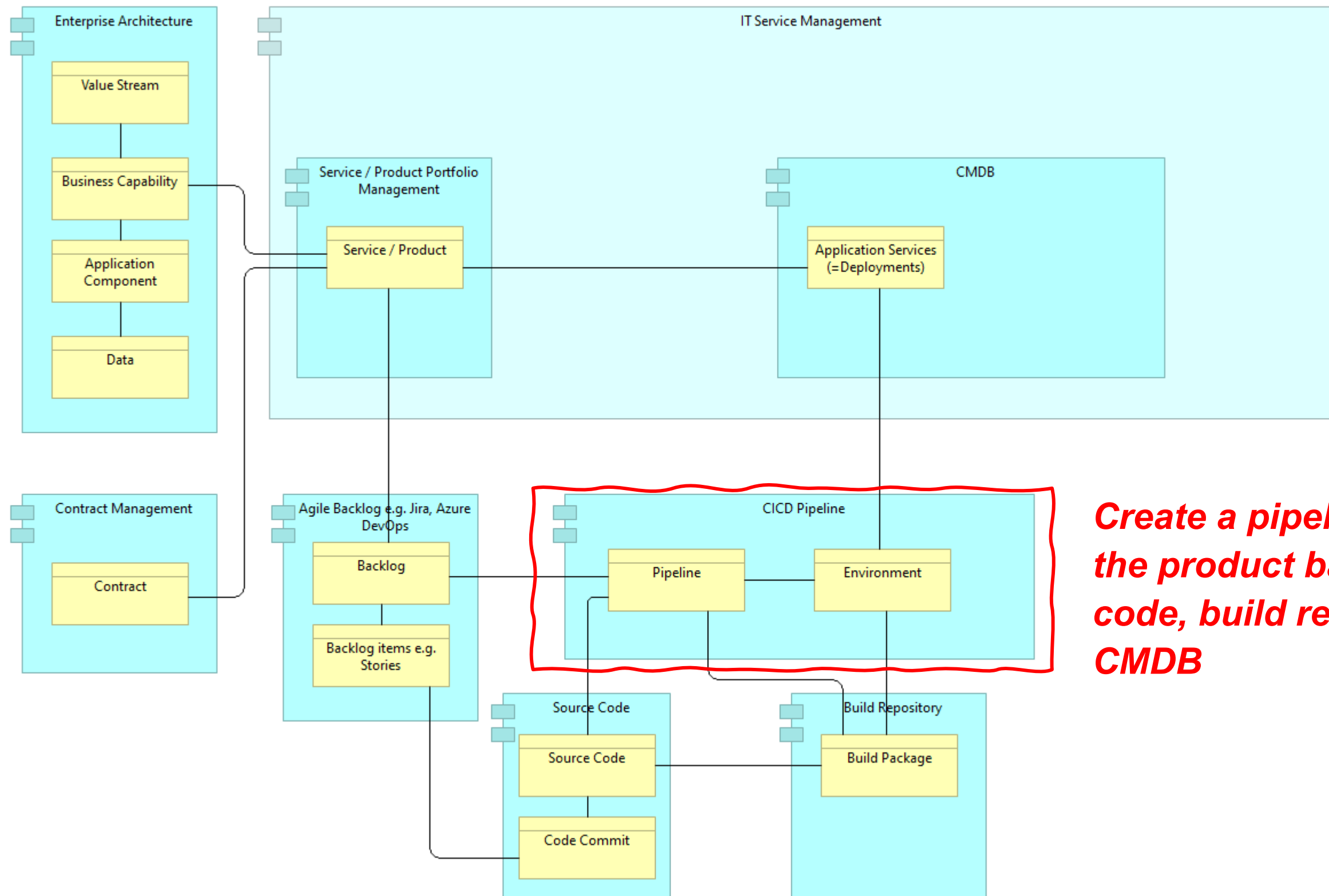
***Link product backlog to the source code repository...***





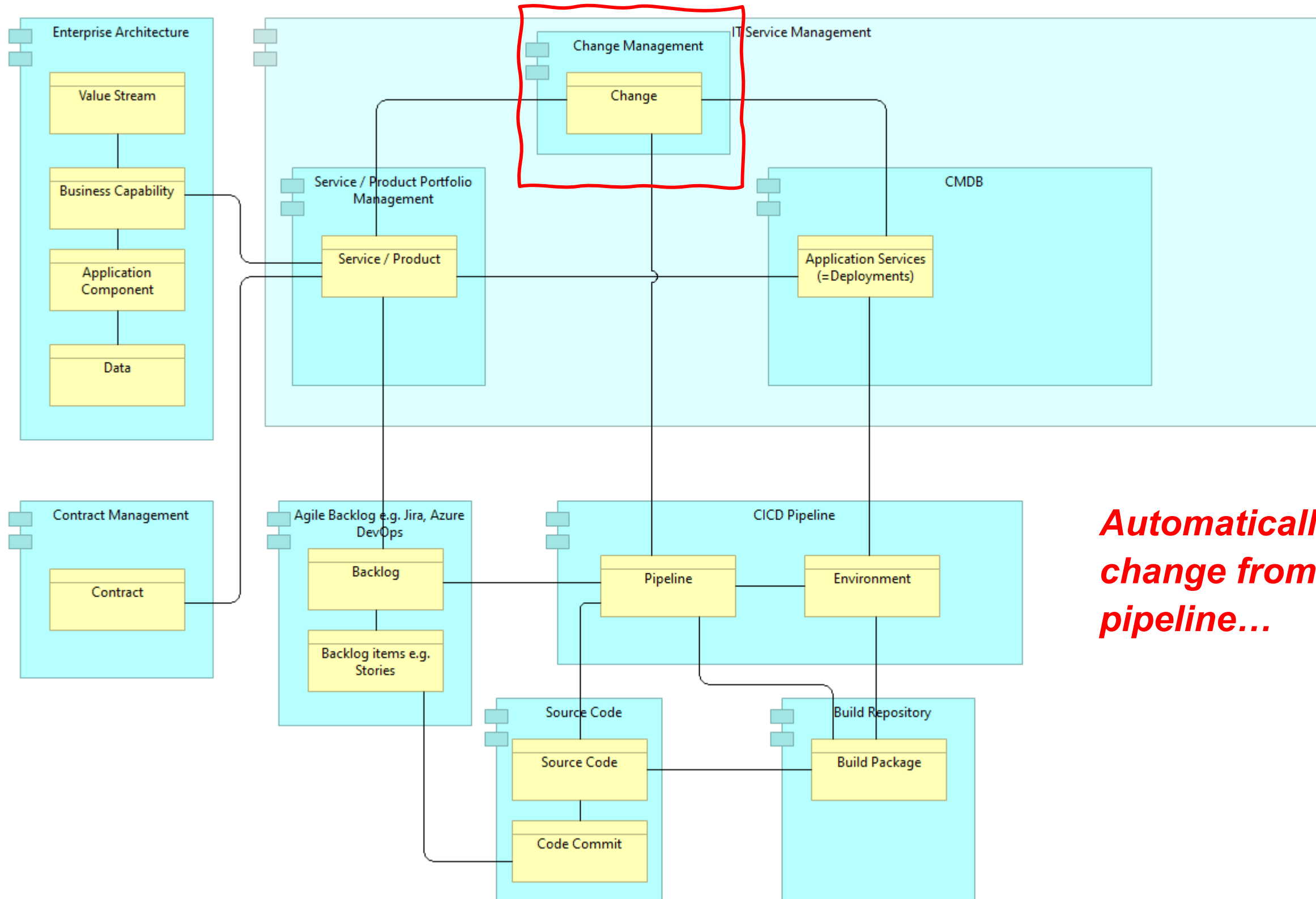


***Define your product deployments (instances in the CMDB) e.g. test and production instances.***

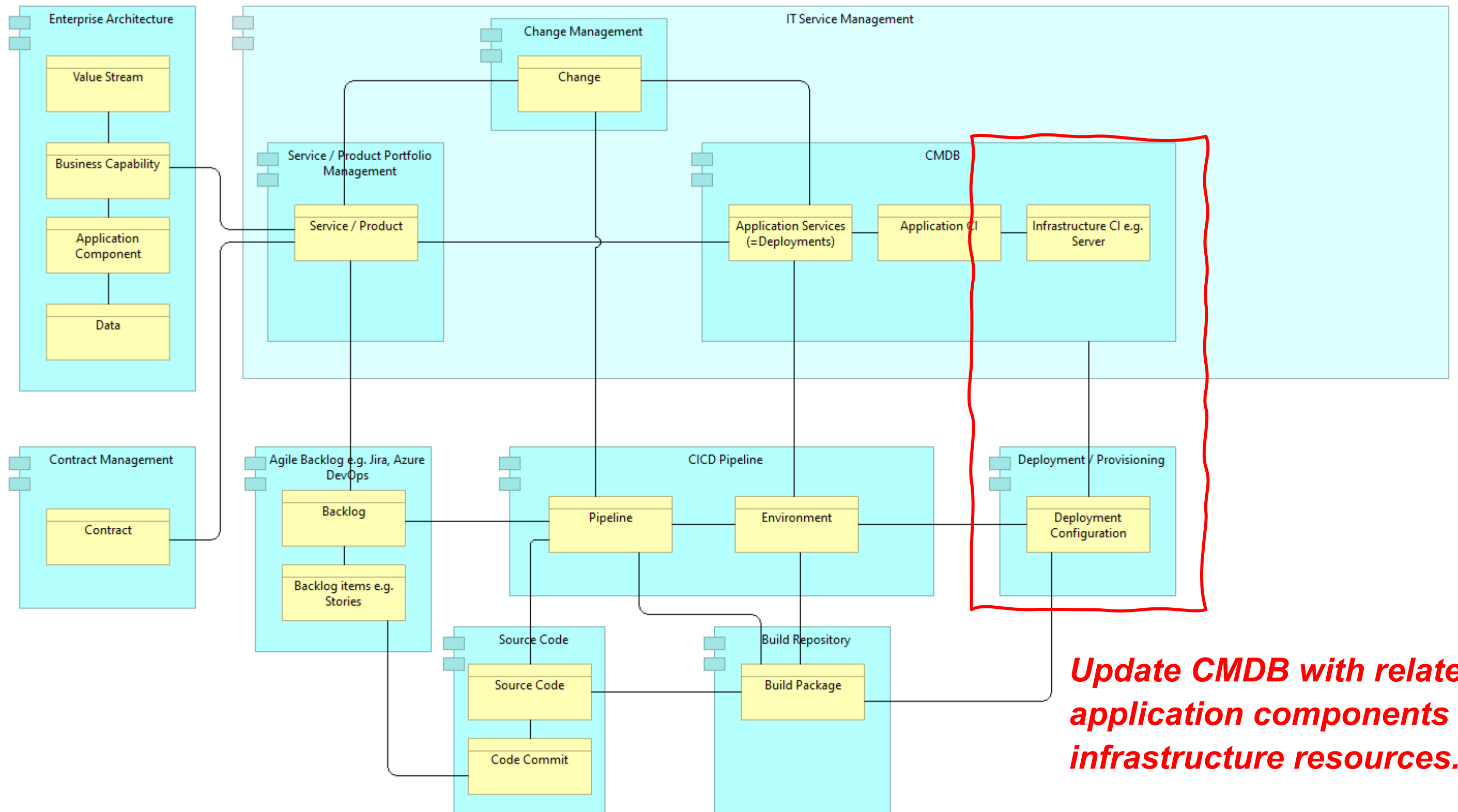


**Create a pipeline linked to the product backlog, source code, build repository and CMDB**

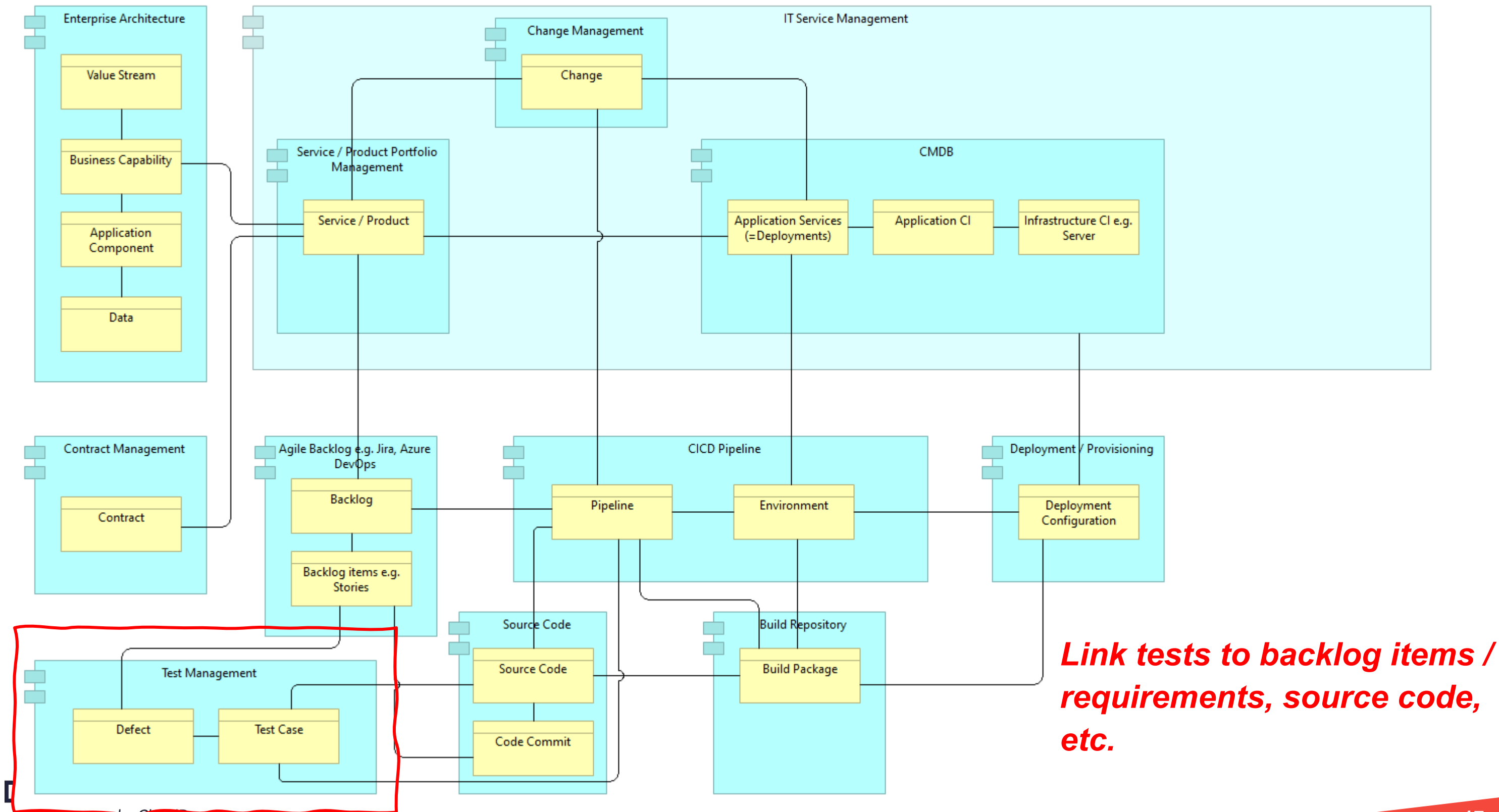




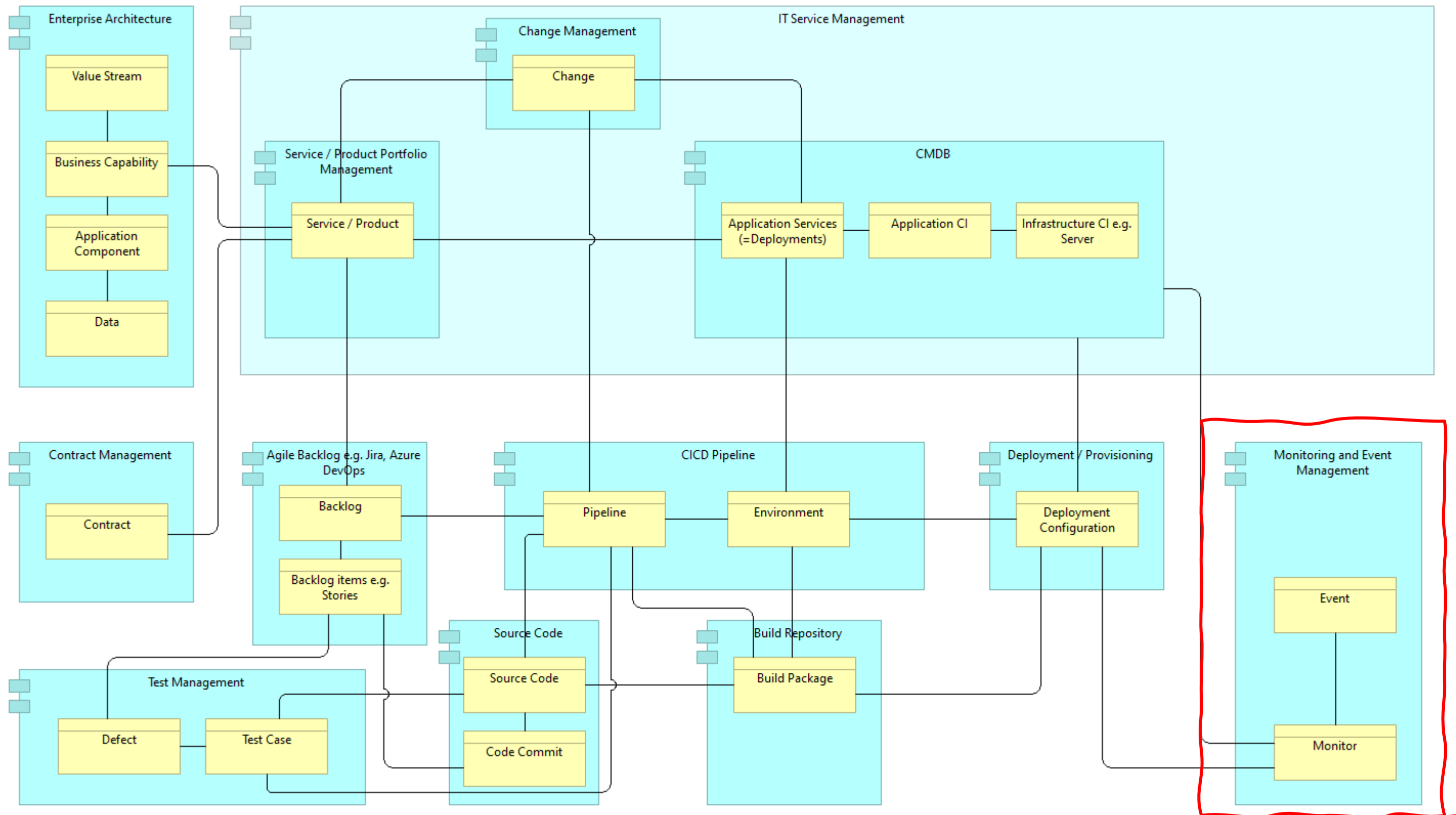
***Automatically create a change from CI/CD pipeline...***

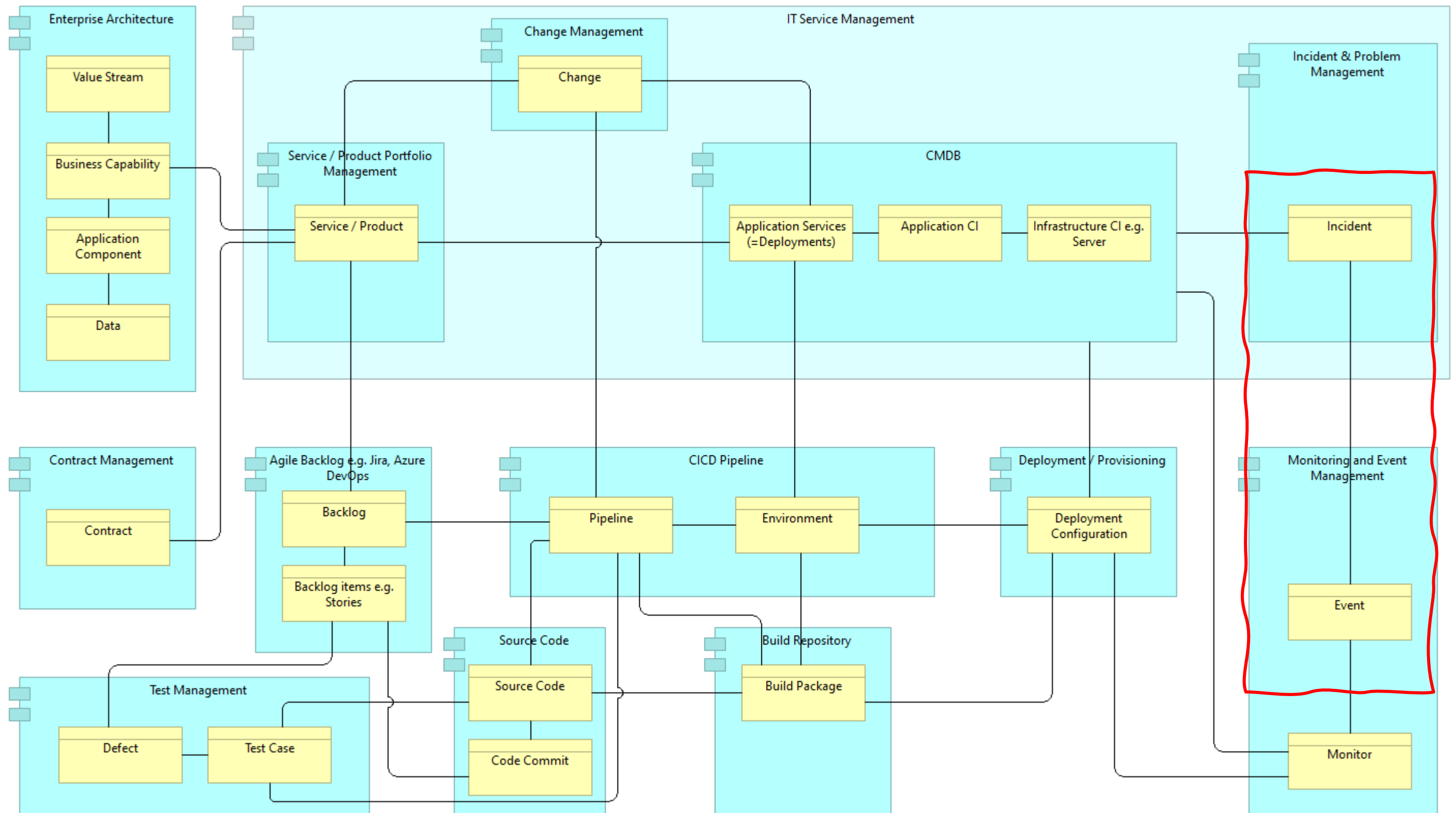


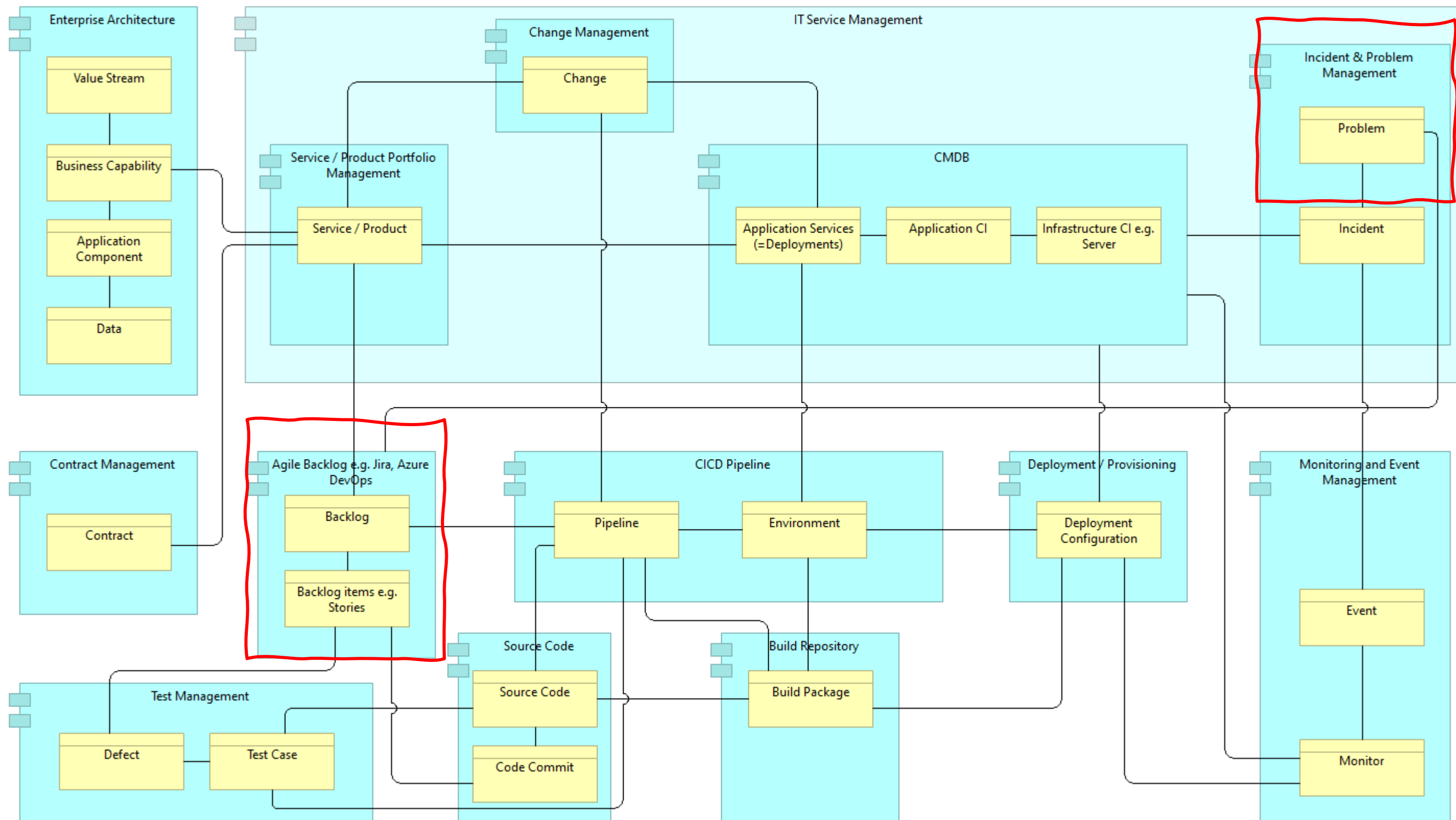
**Update CMDB with related application components and infrastructure resources.**









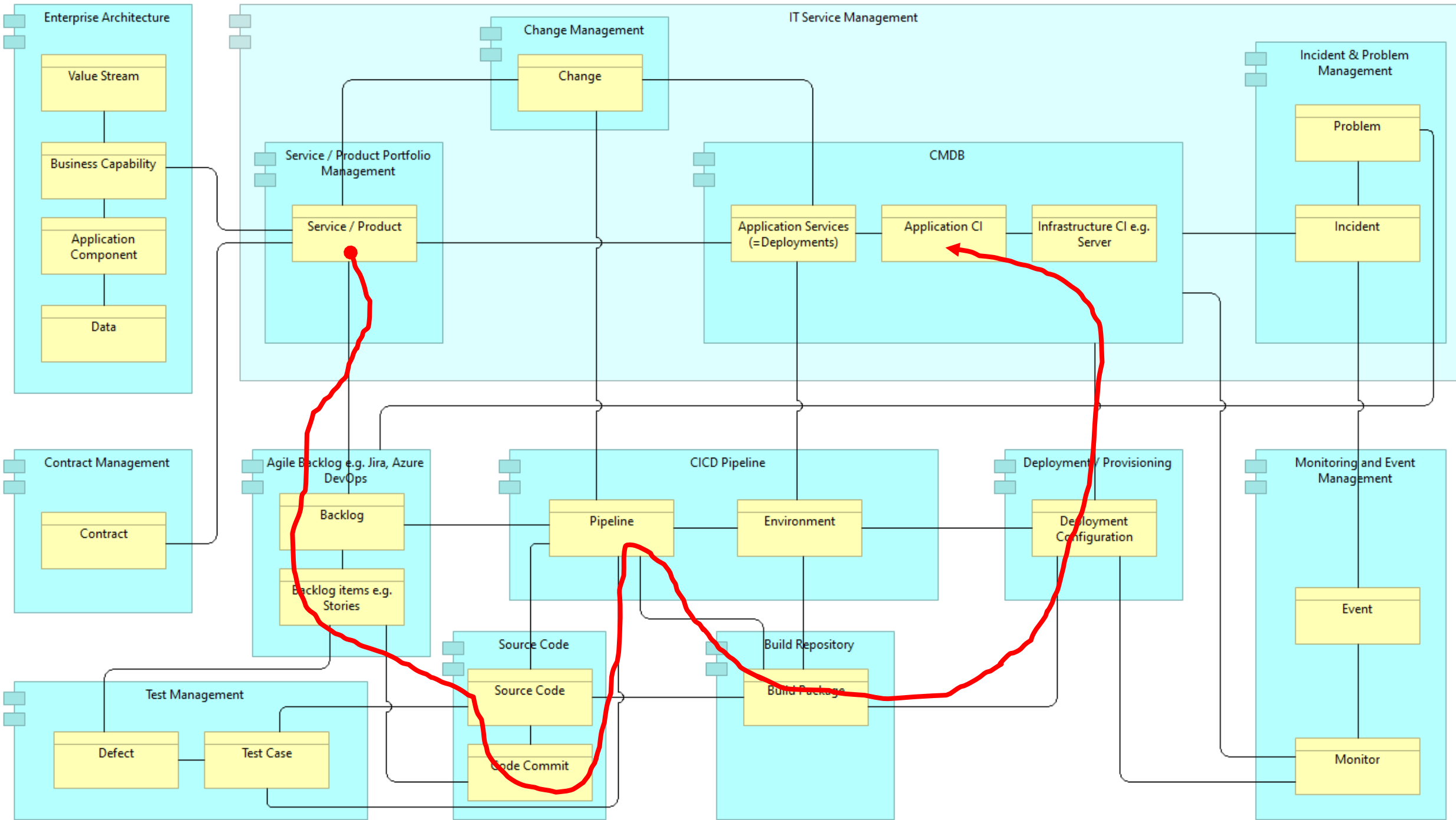




# Create end-to-end transparency within the IT4IT tool chain...

**Example:**

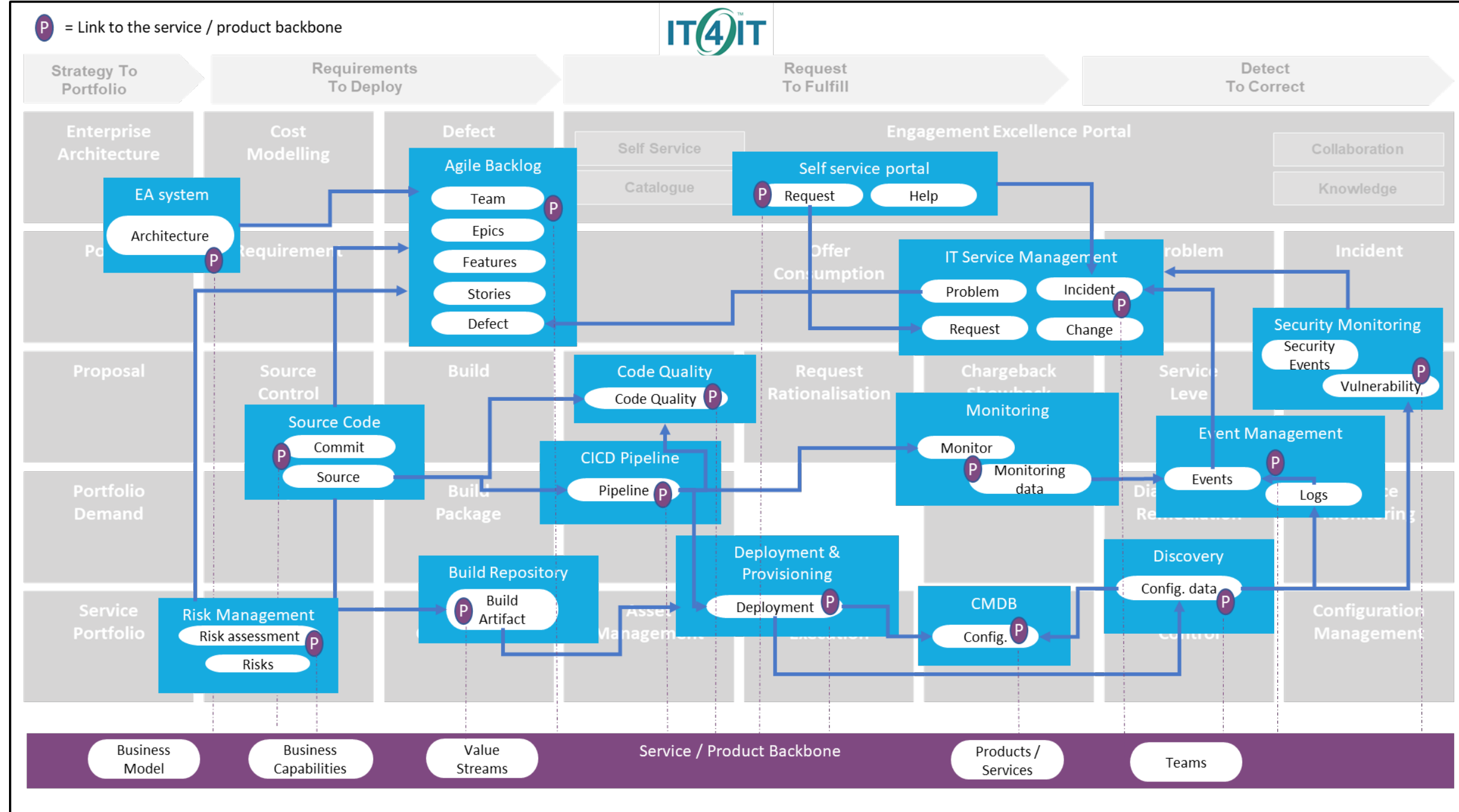
- Digital Product
- Backlog
- Team
- Stories
- Release (incl. code changes)
- Incidents
- ...



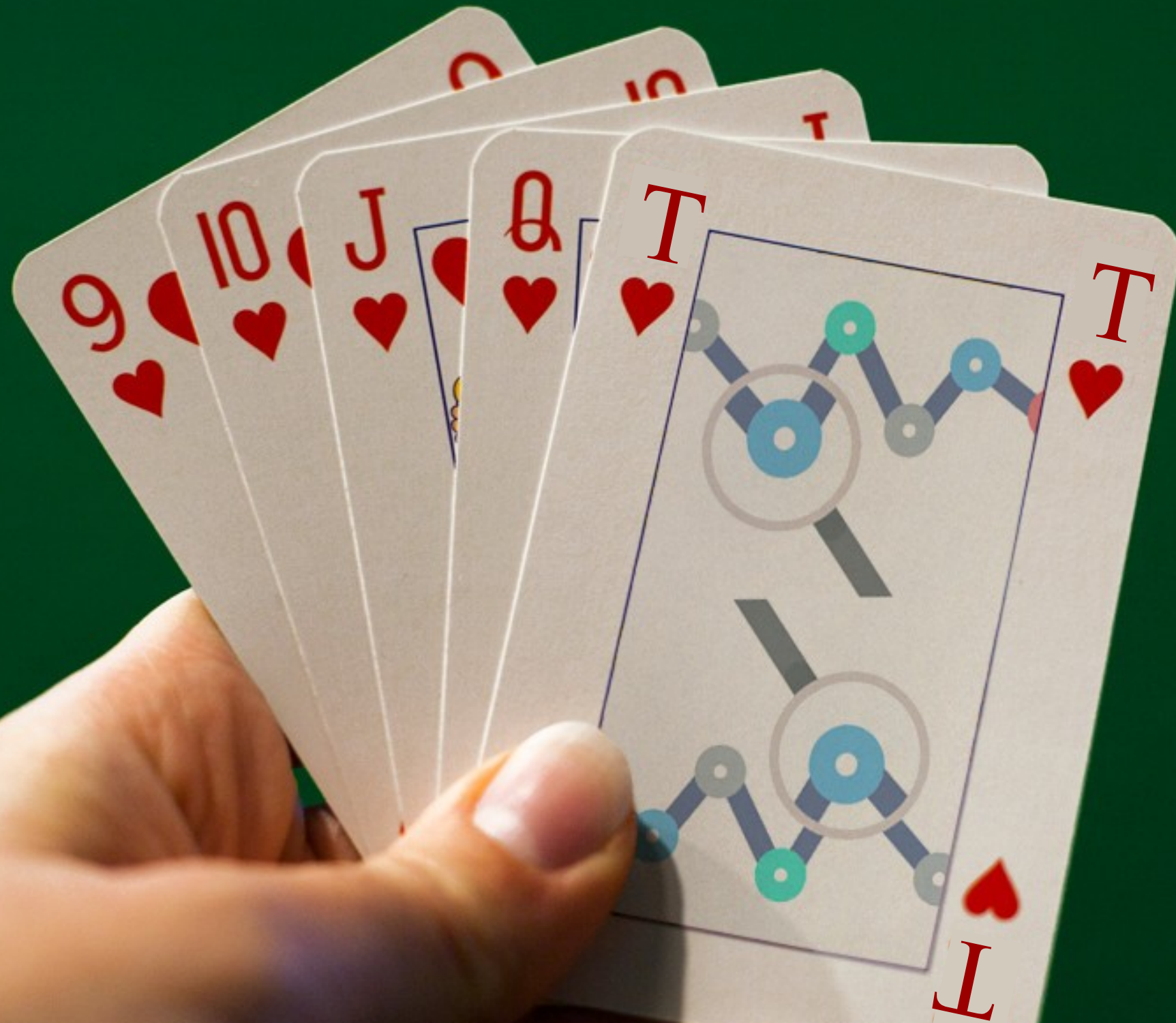
# Summary – Enable Flow and Enable Insight

URL: <http://www.opengroup.org/IT4IT>

- Create a data driven approach – and focus on **transparency and traceability**
- Define an **IT4IT blueprint** for your digital delivery model – defining the right integrations and data flows
- Focus on end-to-end value streams – create a traceability design
- Create **service / product backbone** providing the system of record.

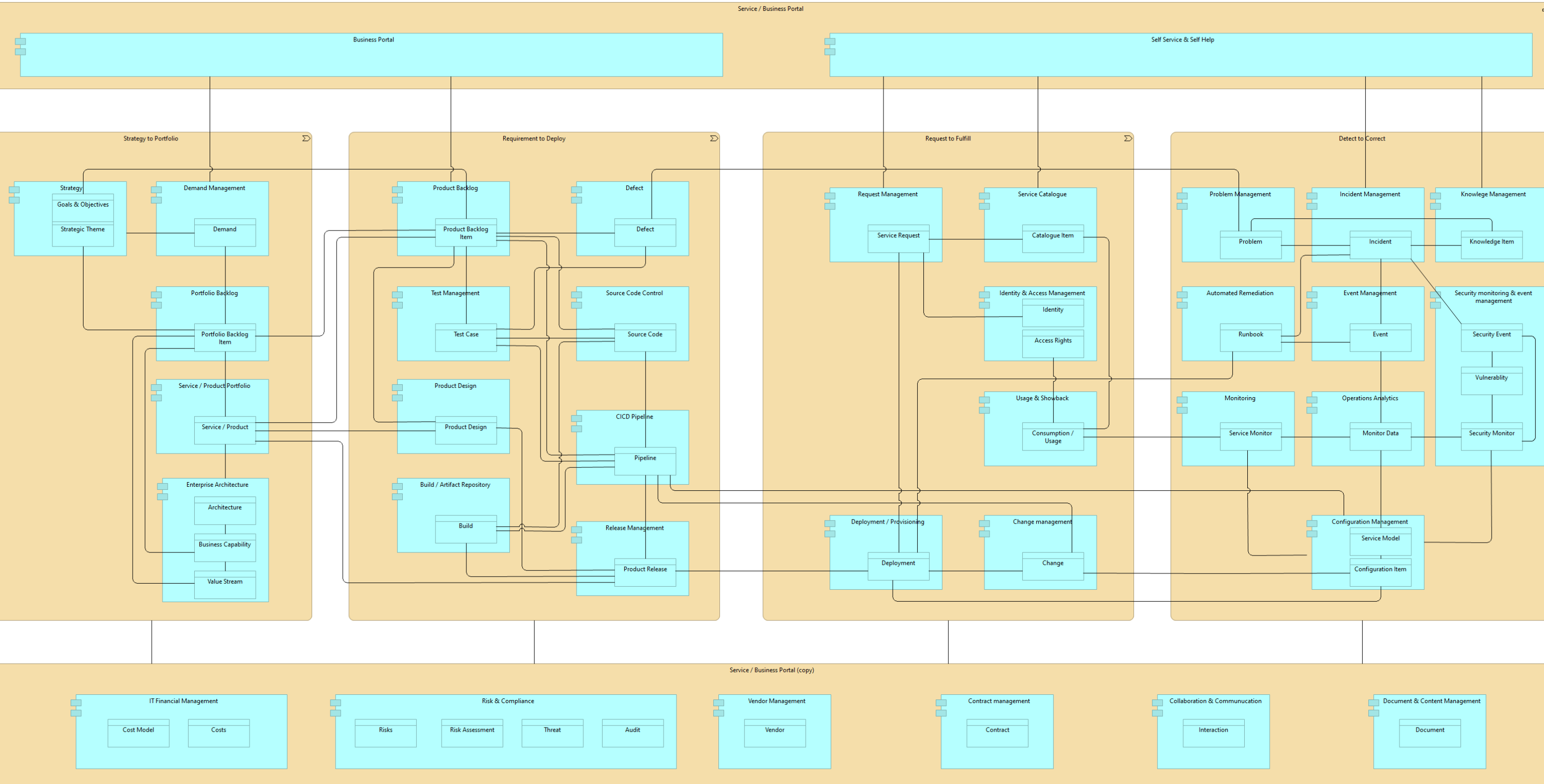


Traceability is your best card...





# Use the IT4IT Standard provides a blueprint for end-to-end Traceability...



# Questions



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