


# Smart Workbench

Accelerate Middleware  
Development & Delivery

- ➔ *Reduce Build effort by up to 40%*
- ➔ *Reduce defect injection rate by around 60-90% and improve code review effectiveness by 20% using code review tool*
- ➔ *30% of the SDLC stages are automated*





Achieve faster build cycle...?

Movement to cloud....?

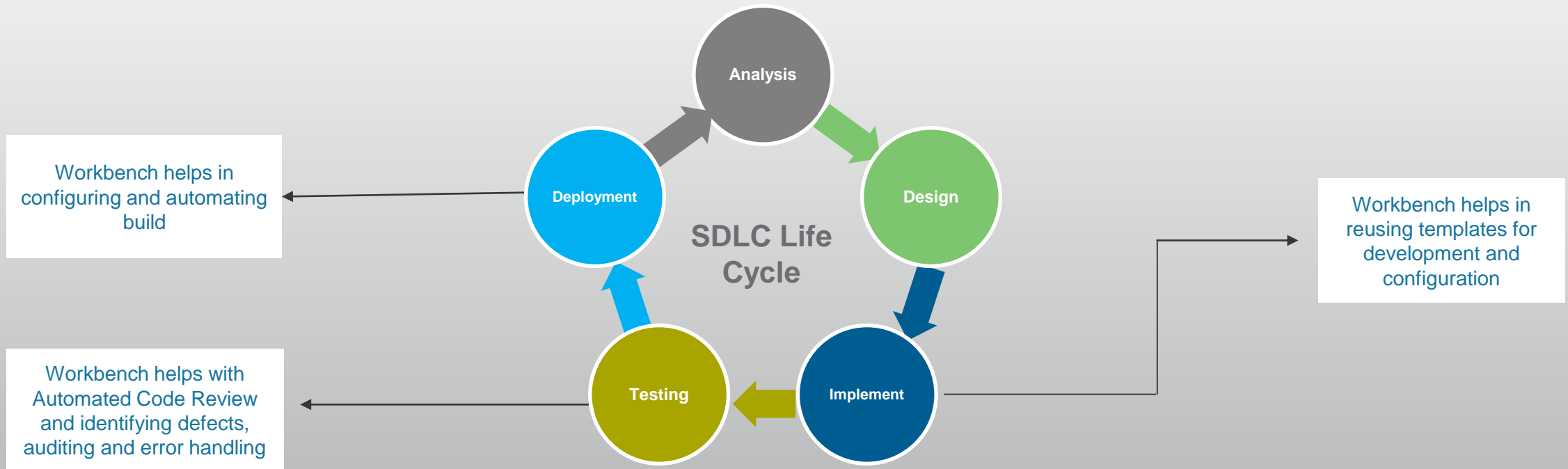
Lots of integrations paradigms?

Reduce cost and ensure faster time to market..?

Increase quality and better maintainability ....?

# Accelerate software development & Delivery

Smart workbench is a platform to identify frequently used patterns and release them as template or libraries, adding rapid application development using middleware products. Helps institutionalize reuse through 'templatization'



Reuse templates for pattern based build enabling faster time to market  
Automated code review tool reducing defect injection rate and effort  
Reduce effort for Connection configuration

# Smart Workbench

Create your code based on patterns/templates

Automate code Review



Source Message

### Smart Workbench

Home | Pattern Based Interface | Self Code Review | Automate Configuration

**Patterns**

- > webService Based
- > File to Database
- > File to File
- > Database to File
- > MQ to File
- > File to SAP

Application name(Package Name):

Application Service name:

Input XSD:  Choose File | No file chosen

Output XSD:  Choose File | No file chosen

Create Provider:

Provide Name:

Invoke webService(Consumer):

WSDL URL:

Consumer Name:

**Create My Code**

**Review elements**

- >Service Properties/Comments
- >Trigger Properties
- >Naming standards
- >Disabled Code in services
- >Save-Restore Pipeline in Services
- >Dependent Packages
- > Reference packages/services

**Review comments on service properties**

Service Name	Comments	Stateless	Audit	Execute ACL
NTOM_Streaming.services.svcHttpPOST	●	●	●	Default
NTOM_Streaming.services.svcInvokeNTOM	●	●	●	Default
NTOM_Streaming.services.svcInvokeProcessingAttachments	●	●	●	Default
NTOM_Streaming.services.svcProcessingAttachments	●	●	●	Default
NTOM_Streaming.services.svcRESTClient	●	●	●	Default
NTOM_Streaming.services.test	●	●	●	Default

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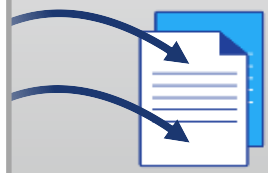
Home | Pattern Based Interface | Self Code review | Automate configuration

**Connection Type**

- > JDBC Connection
- > JMS Connection
- > MQ Connection
- > EnterpriseOne Connection
- > SAP Connection

Select a Config File:

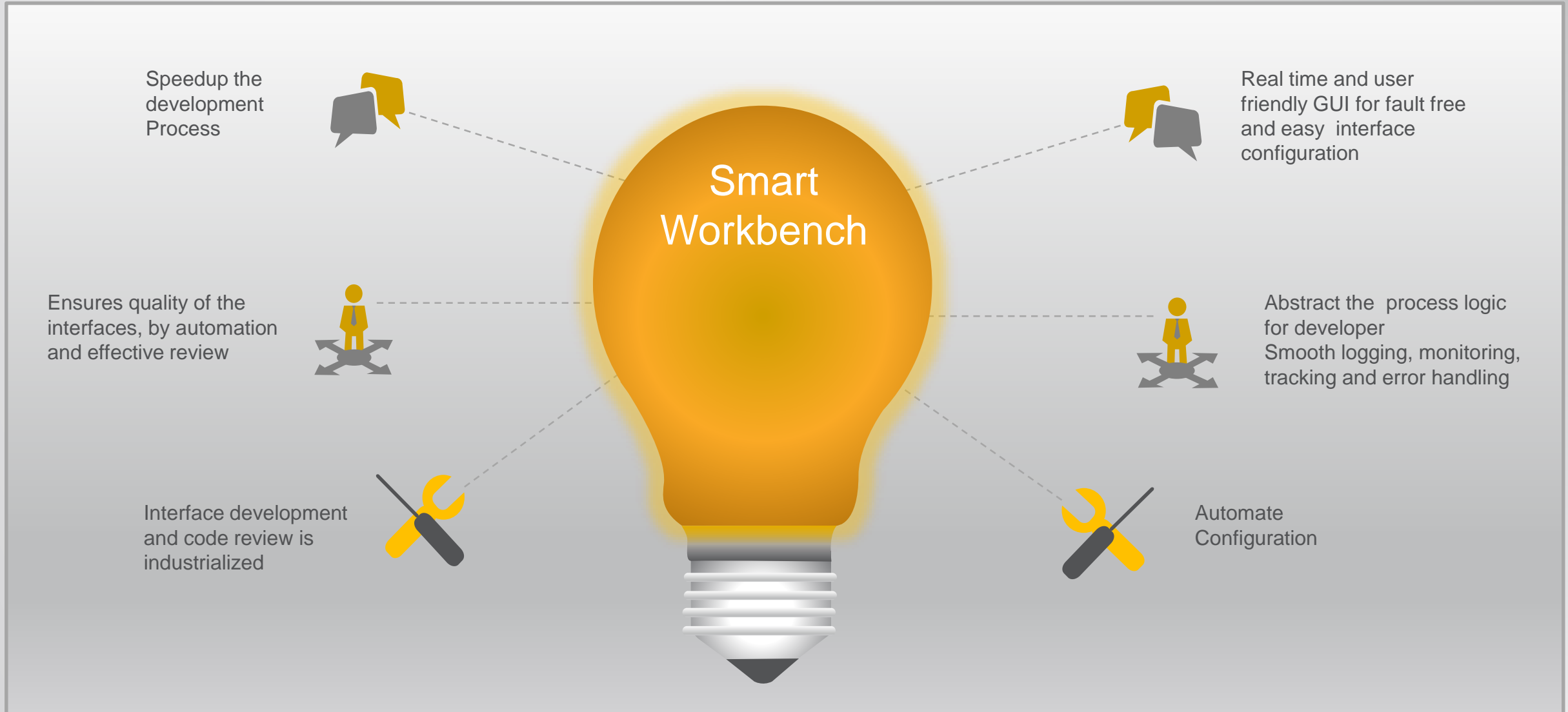
**Create Connection**



Transformed Message

Upload your Excel for automatic configuration of connections

# Smart Workbench



# Smart Workbench Components and Tools

- Smart Development tool:

In house developed code consists of prebuilt functionalities which are configurable and provides placeholder for custom code to ease development.

- Smart Code Review Tool:

In house developed Code Inspection tool which covers different set of reviews (ex. Naming standards, hard coding, Checkpoints etc.) of the webMethods interfaces and provides a report with status and comments.

- Smart configuration:

Fault free, interactive and easy interface configuration and tracking information.

- Smart Deployment:

Ability to track the builds, highlighting the status of the build and source versions .Ability to manage any number of builds through a user friendly UI and user control for each build execution.



# Thank You

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