



# INNOVATION TOUR 2017

UNLEASH YOUR DIGITAL VISION  
#WITHOUTCOMPROMISE

## MAINFRAME MODERNIZATION A BANK'S CASE STUDY IN MOTION

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# SOME BACKGROUND



- Bank formed in 1960's
- Operational turnover of \$26billion in 2015
- Running ADABAS&NATURAL since 1981
- “Lifeblood” applications running for core operations
- Mainframe roadmap undefined for the last 10 years

# VIDEOS

# ADABAS & NATURAL 2050+

## WHY CHANGE NOW?

### INNOVATION

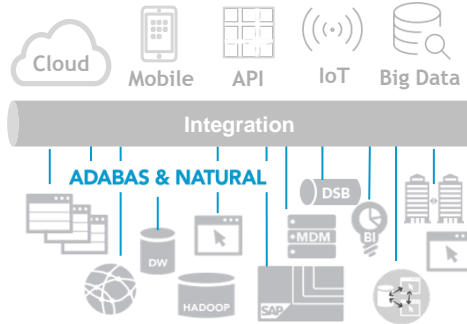
#### OPTIMIZE

TCO & Operations



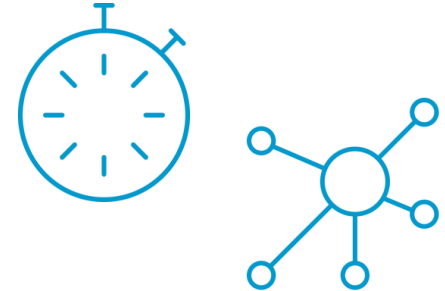
#### TRANSFORM

Initiatives & Architecture



#### MODERNIZE

DevOps & Connectivity



### REDUCE RISK

# ADABAS & NATURAL 2050+

## AN OPPORTUNITY



### INNOVATION

**OPTIMIZE**  
TCO & Operations

**80%**

IT Cost  
Savings

**TRANSFORM**  
Initiatives & Architecture

**+30%**

Process  
Efficiency

**MODERNIZE**  
DevOps & Connectivity

**3x**

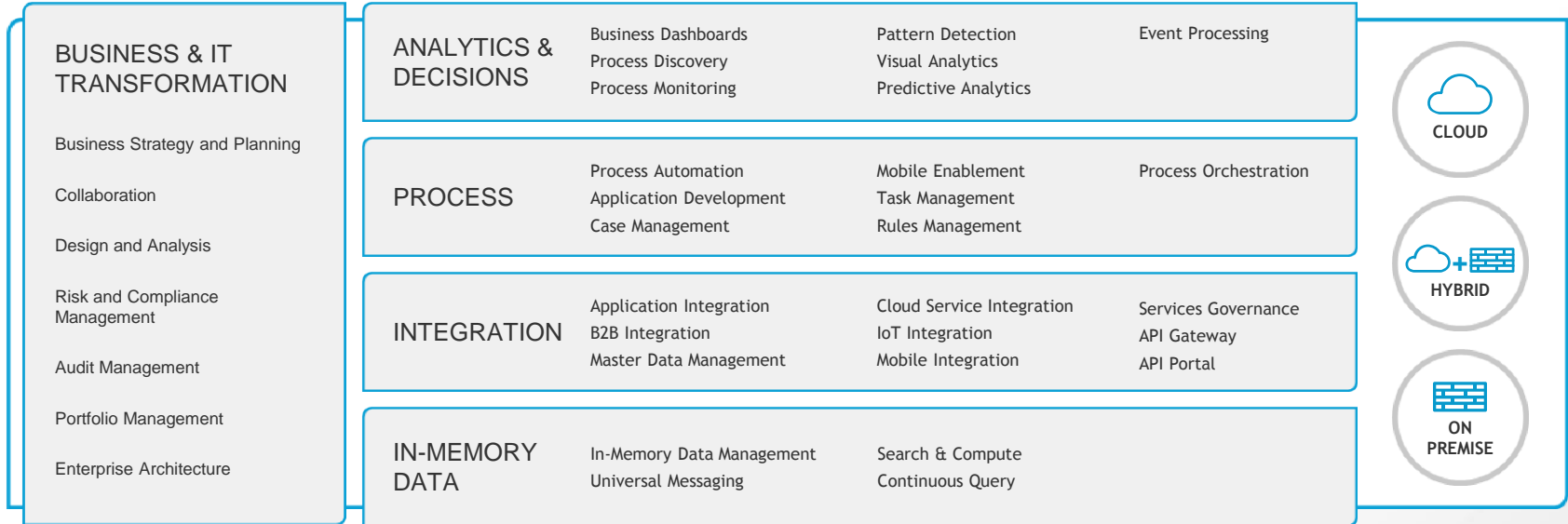
Faster  
Development

### REDUCE RISK

# HOW DO WE DO IT?

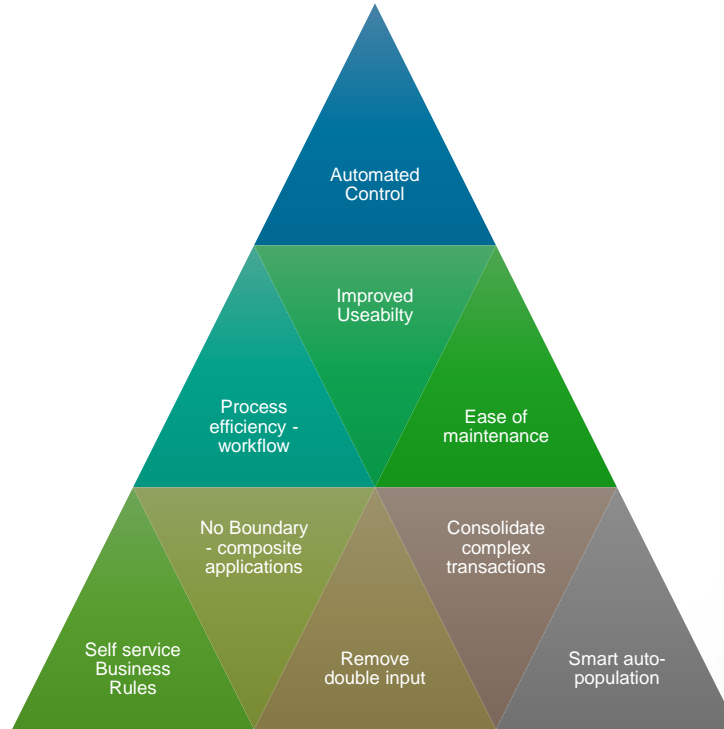
## CAPABILITIES AT OUR DISPOSAL

### DIGITAL BUSINESS PLATFORM



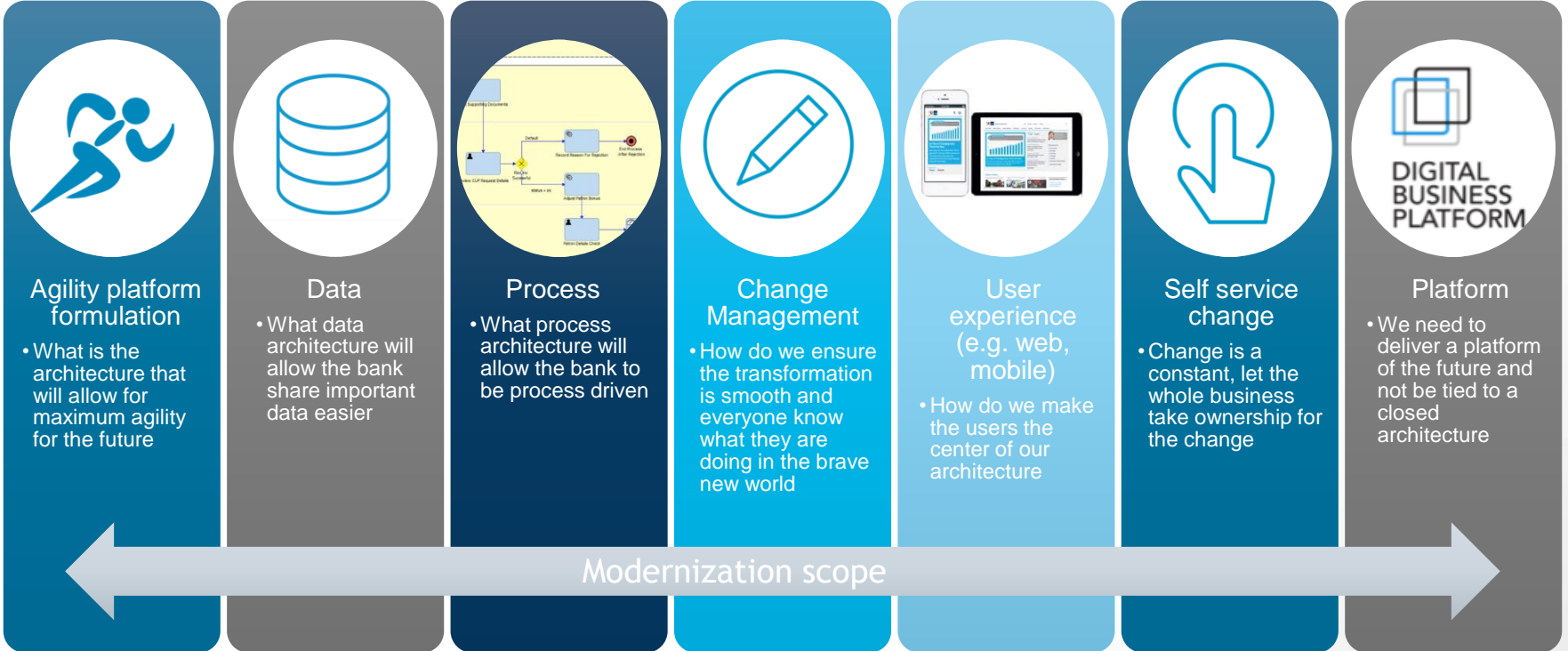
# DIGITIZATION THEMES

## LEVERAGING NEW PLATFORM FOR INNOVATION



# OUR DIGITIZATION PILLARS

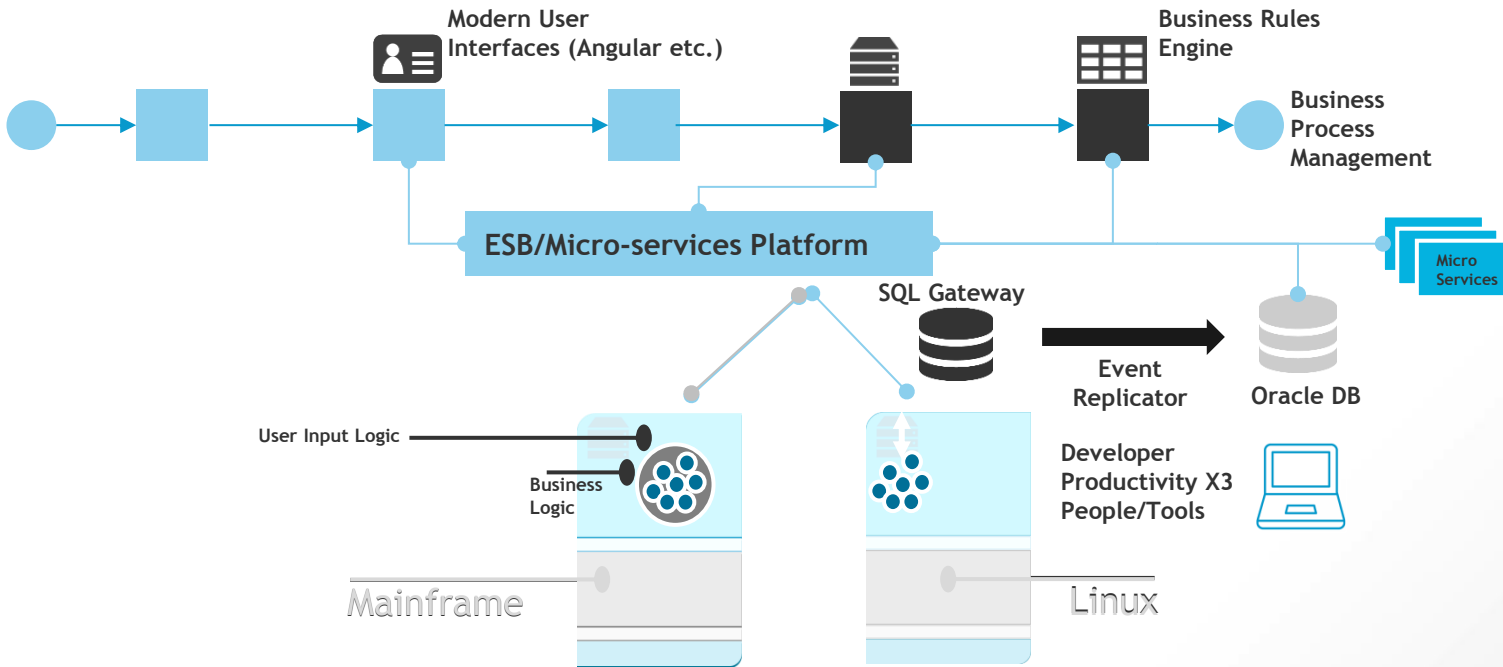
## HOW WE ENGAGED TO ENSURE WE ARE RELEVANT





# OUR APPROACH

## WE PROVIDE CHOICE



New application paradigms are leveraged

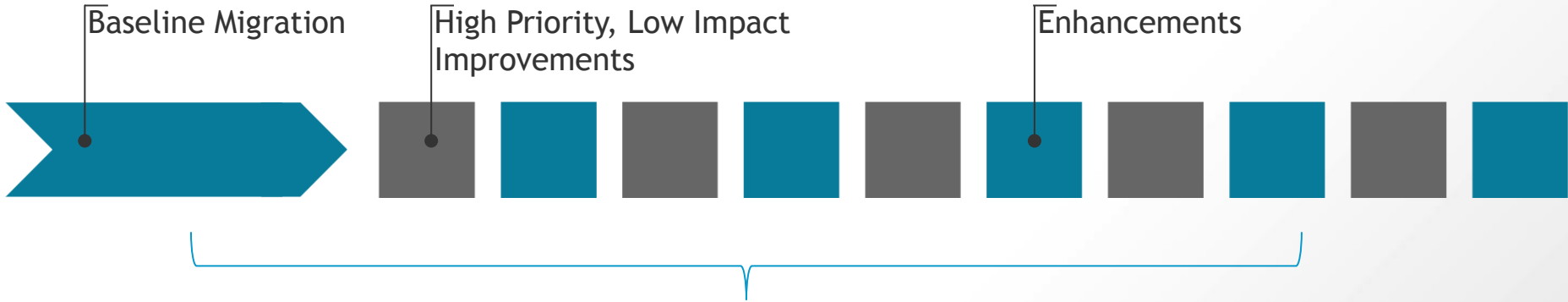
Data mapped and replicated to SQL world

Code optimized and cleaned to access USEFUL business logic in UIs and processes

Lift and shifted to Linux

# GOVERNANCE & RISK & VALUE

OUR GOAL – **MINIMISE RISK, ACCELERATE VALUE**



Software AG Approach

# OTHER TOOLS

## BUILDING BLOCKS



### Docker

- A VM without overhead of a VM
- Build once - run anywhere
- Faster restart and I/O operations



### Command Central

- Composite templates to install DBP products into containers



### Salt

- Common playbook to provision containers on different environments.

# A NOTE ABOUT MICROSERVICES

Docker Container: IS B2B
Docker Container: IS MFT
Docker Container: IS Mediator
Docker Container: IS ESB
Docker Container: Universal Messaging
Docker Container: Terracotta
Docker Container: My webMethods
Docker Container: Optimize
Docker Container: Insight
Docker Container: OneData
Docker Container: Presto
Docker Container: API Portal
Docker Container: CentraSite
Docker Container: Command Central

1

Store as Image

2



# KEY SOFTWARE AG BENEFITS



## Lower risk

- No data migration
- No risk of existing controls being missed



## Stability

- Engagement for over 20 years
- Company structure here to stay



## Faster time to business value

- Time to focus on new business initiative as opposed to baseline migration



## Technology Leadership

- Specialized technology leadership
- Leadership in HIP and DBP for other projects (e.g. NSO)



## Engaged partner

- Engaged across multiple areas
- Board sponsorship



## Track record

- Multiple technology references
- Multiple engagement references



## Technology Experts

- Our technology and our experts
- 10+ years of engagement with ADB
- Onshore/Offshore capabilities



## Value

- 29% more savings with SoftwareAG
- Faster time to value

# Questions?

