

# S4/HANA Migration Projects: Unleash the Power of a Dual Landscape With Retrofit

ASUG Conference Toronto Sept 15th



## STATEMENT OF CONFIDENTIALITY AND EXCEPTIONS

The contents of this document shall remain the confidential property of Beyond Technologies (“Beyond”) and consequently may not be communicated to any other party without the prior written approval of Beyond. Any reproduction, in whole or in part, without the prior written consent of Beyond is prohibited. This document must be used for evaluation purposes only, unless otherwise stated by prior written consent of Beyond, and only on conditions imposed by Beyond.

The contents of this document is subject to contract and shall not be construed as an offer or as constituting a binding agreement on the part of Beyond to enter into any relationship. Beyond provides this document as guidance only to estimate costs and time-scales of the fully defined project. Beyond reserves the right to confirm any estimates prior to any contractual agreement or final commitment.

Beyond guaranties that, to the best of its knowledge, this document was diligently prepared by all its participants. Beyond cannot however guarantee the truth of matters outside of its control.

# Overview of Beyond Technologies

Founded in 2005  
17 years strong



Over 450 employees  
and growing



Over 400  
consultants on  
mandates



Most  
SAP S/4HANA  
implementations



100% SAP











Average SAP experience  
Functional: 14 years  
Technical: 14 years  
BI: 9 years



Global presence



## Our services

-  SAP Functional Business & Services Consulting
-  Project Acceleration Services
-  Business Intelligence & Analytics Consulting
-  Project Management & Implementation
-  SAP Cloud Solution Hosting Services
-  Application Management Services
-  Staff Augmentation Services
-  SAP Technology Know-How
-  SAP Enterprise Health Check
-  Customer Experience Solutions



# Client by Industry

Some of our clients



Finance	Life Sciences	Retail	Wholesale/Dist	Manufacturing/Production

# Some of our S/4HANA customers



BOE | ses imagotag



BORALEX

South  Shore



EXFO



FOLIOT  
FURNITURE

POWER CORPORATION  
OF CANADA



OCEAN



avril SUPERMARCHÉ  
SANTÉ

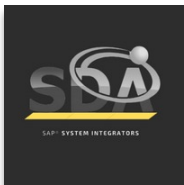
HARRY'S



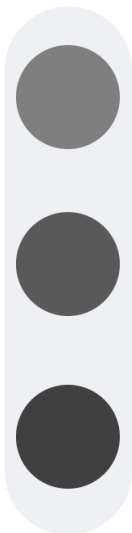
Novexco

°STELPRO





# About us



## **Founded in 2003**

SDA has been providing SAP® consulting services to clients in the Montreal metropolitan, Toronto and Ottawa.

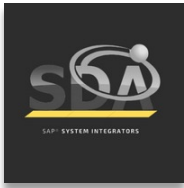
## **Silver Partner**

Have been part of the Partner Edge Program since May 2022

## **BTP Authorized Partner**

Official BTP Service Provider

SDA is a technical system integrator (SI) specialized in SAP. We are a dedicated group of technical certified professionals with experience in organizations and industries of all kind and size



# What We Do?

We have extensive expertise in the following areas



## Migrating to / Implementing S4HANA

- Maximize your investment and ensure the success of your project by having the right architecture and technical blueprint



## Cloud Migration

- Certified Consultants with hands-on expertise in any Hyperscaler



## SAP Security

- Enterprise Threat Detection
- SAP GRC



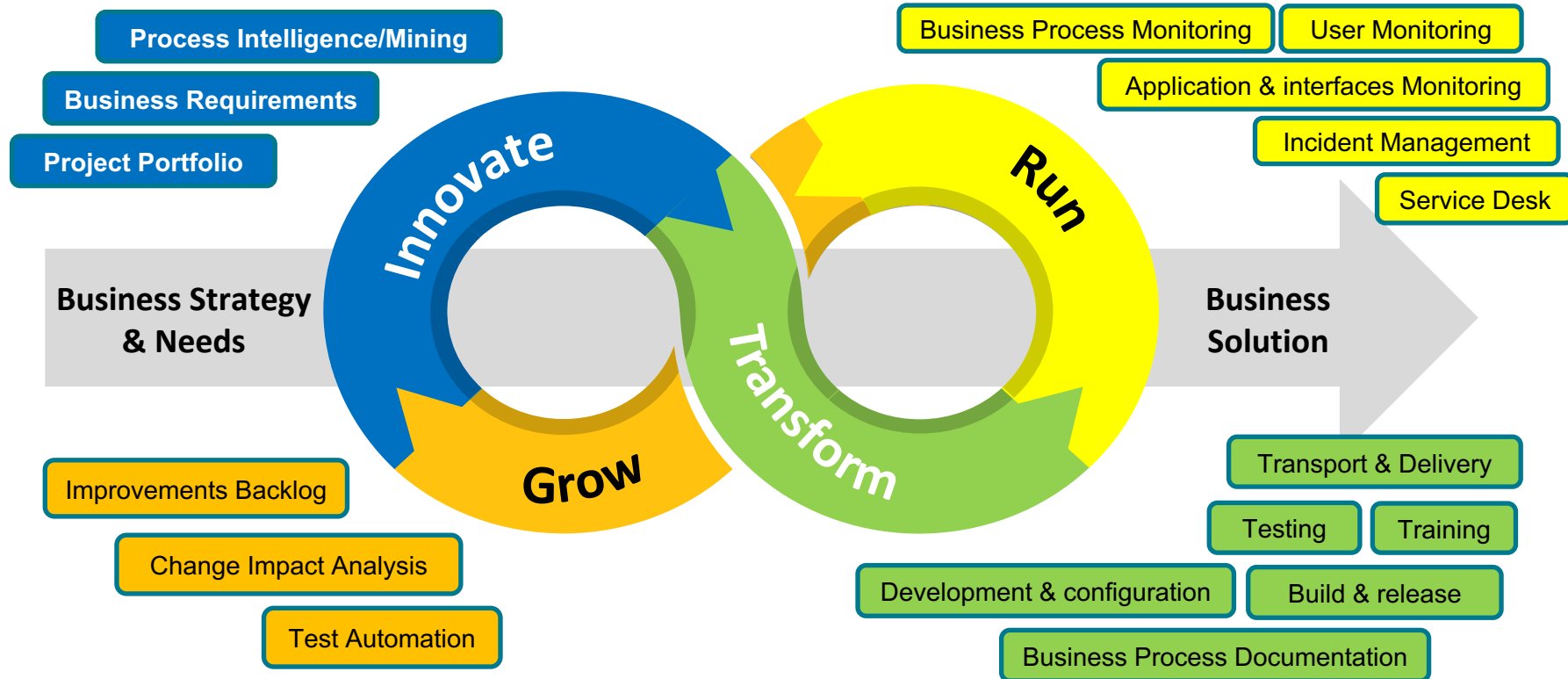
## SAP Business Technology Platform

- Pre-packaged programs providing high-value business outcomes to organizations of all kind and size

# SAP Lifecycle Management : what is there to manage ?



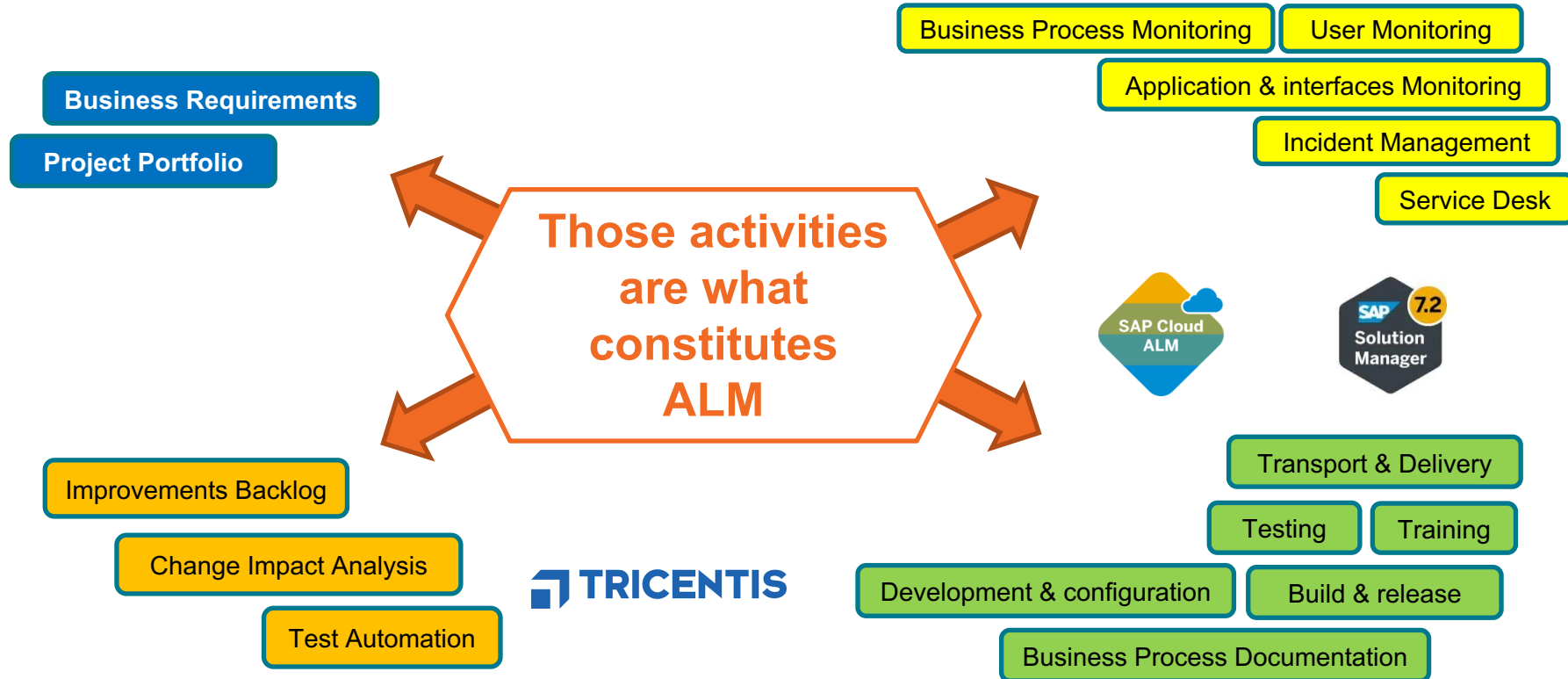
## SAP Application Lifecycle Management (ALM) components





# A cycle that never ends...

## Application Lifecycle Management (ALM) components



# ALM Customer References

Most recent Logos



**CURTISS-  
WRIGHT**



**ALDO**  
GROUP

CIRQUE DU SOLEIL



**tdsb**

Toronto District School Board



Société de l'assurance  
automobile  
**Québec**

Avec vous,  
au cœur de votre sécurité

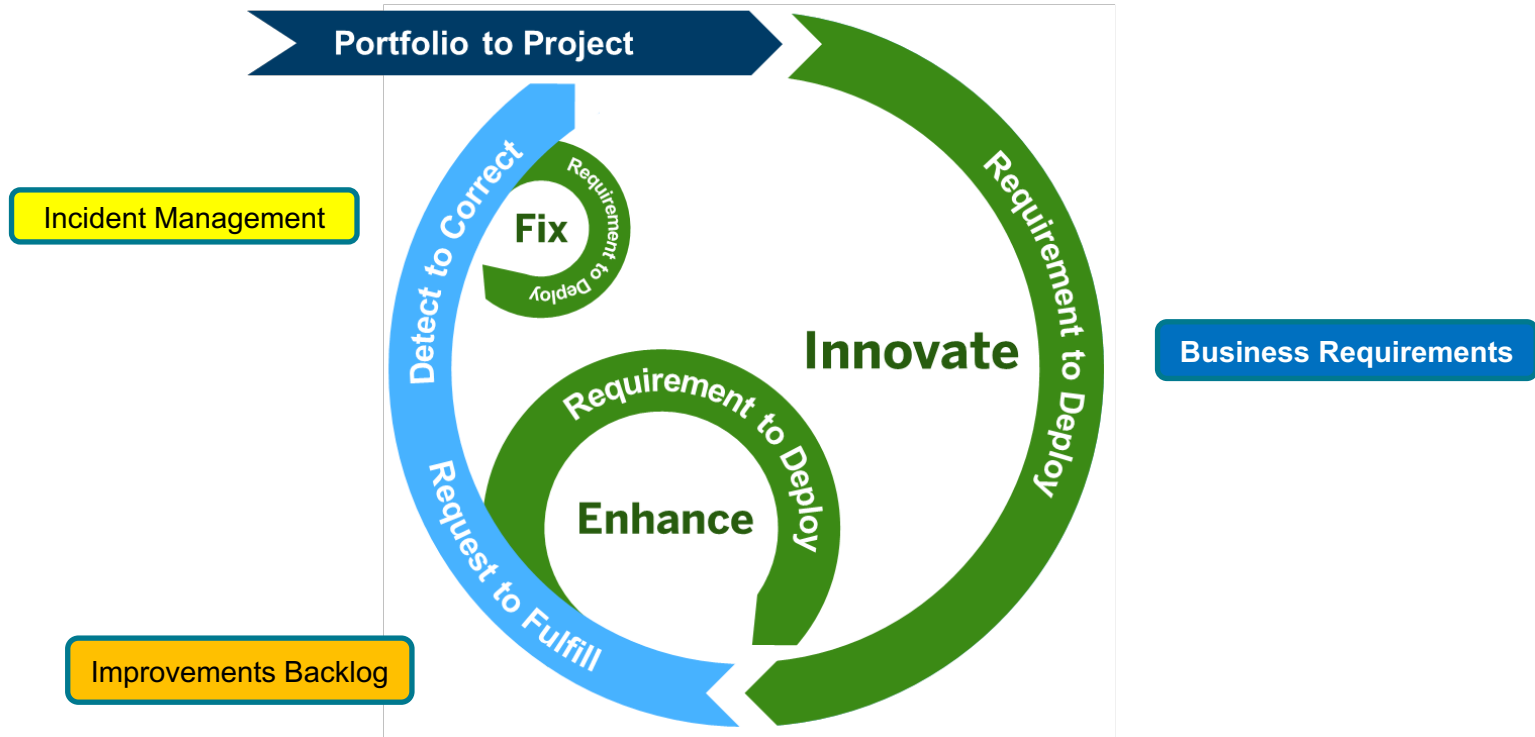


**metro**



# How are you dealing with multiple requirements on SAP ?

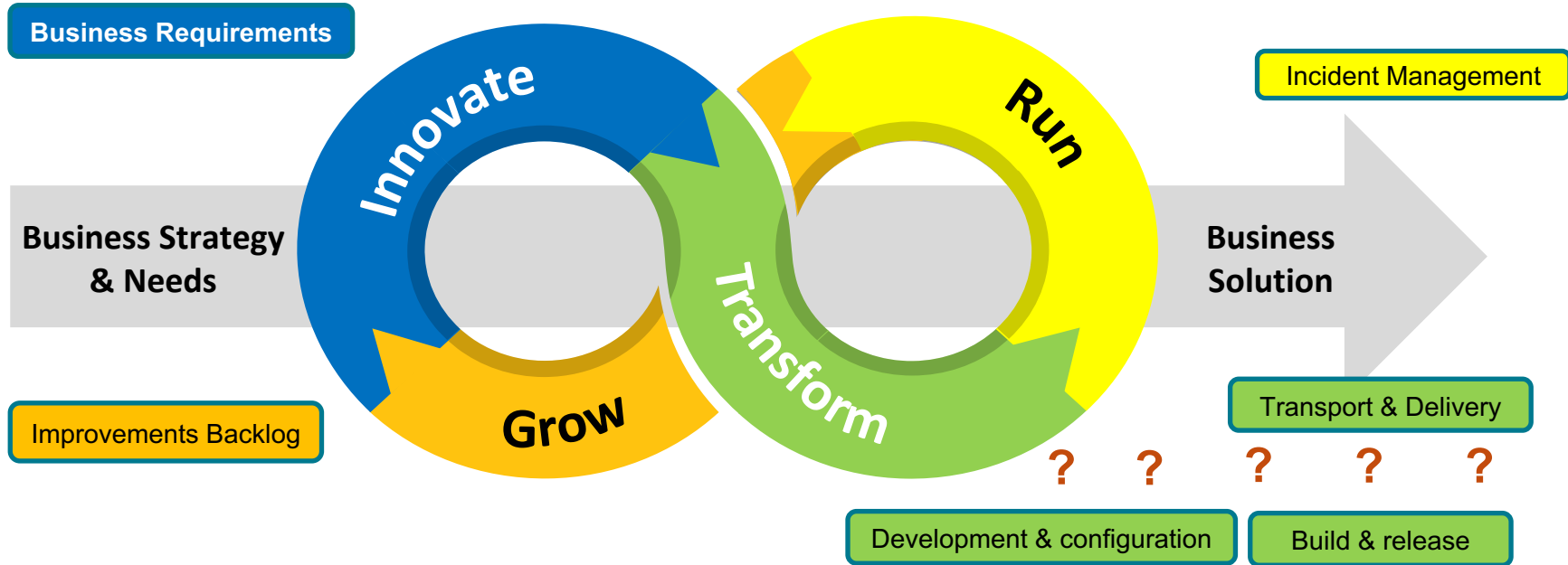
Fix the train while it's running!



# And still deliver on time, on budget with limited risks ?



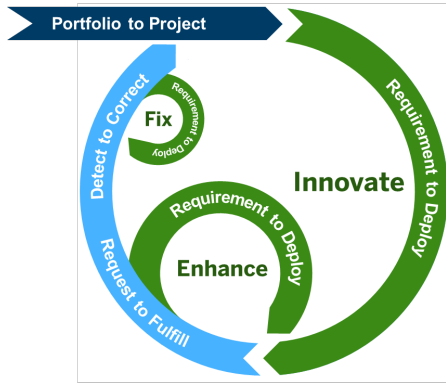
And continue to say YES to more innovations, bug fixes requests, business improvement...



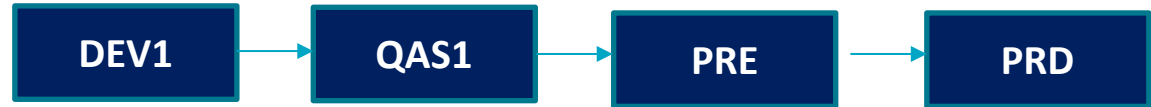
# 1) Implement a Dual Landscape with Solman-ChaRM



Fix the train while it is still running

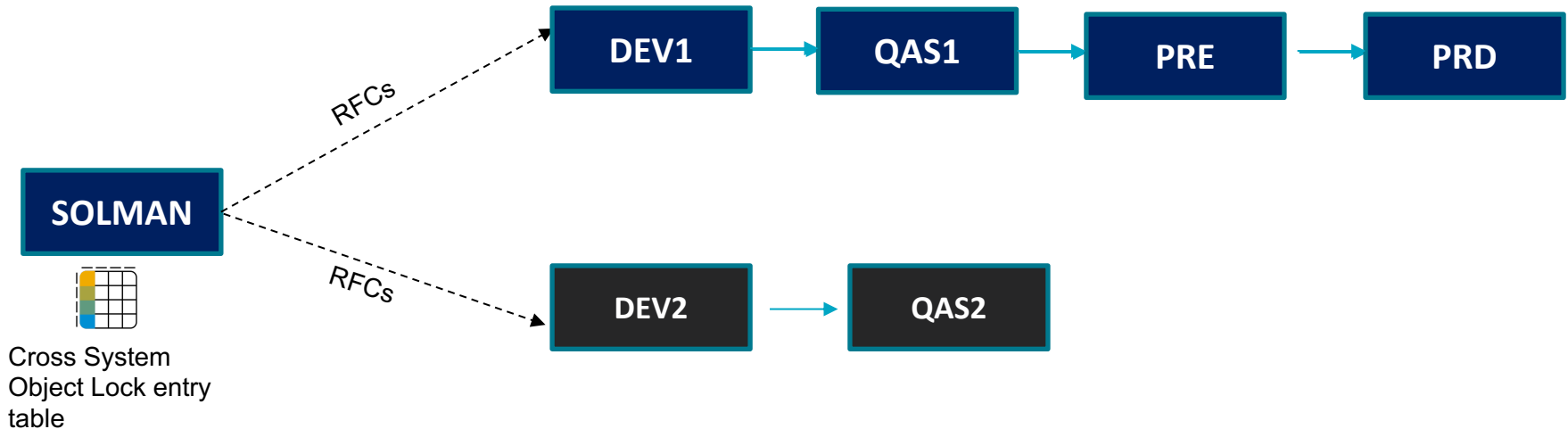


**SOLMAN**



## 2) Implement Cross System Object Lock

Setup a warning system as early as possible in the process



When **any modification** is identified in an object pertaining to N or N+1 landscape systems, CSOL (Cross-System Object Lock) a warning is sent to the Developer.

## 2) Implement Cross System Object Lock

Sample Screenshot of a warning



Transport-Generic Check

Warning issues detected by the transport-related checks.

Cross-system object lock conflicts are detected. Error issues: 0; warning issues: 2

Type	Production System	Development System	Request	Owner	Program ID	Object Type	Object Name	Cycle/Scenario
!	SOL/300	SOL/100	SOLK900246		R3TR	TABU	T005A	8000000343
!	SOL/300	SOL/100	SOLK900246		R3TR	TABU	T005A	8000000343

# 3) Implement Retrofit

## Expected outcome

---

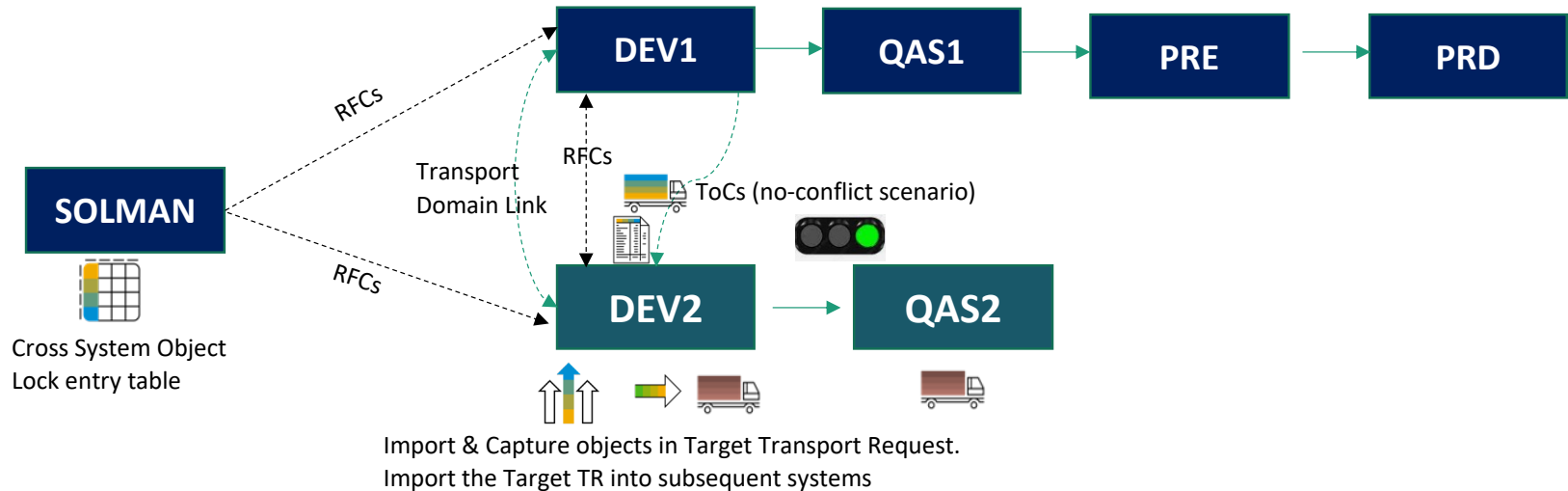


- The Retrofit feature in SolMan helps to automate change syncing between N and N+1 landscapes.
- The retrofit feature identifies the no conflict/conflict Transport Requests that are getting synced to N+1 landscape.



# 3) Implement Retrofit

Automate copies of changes, if no conflict

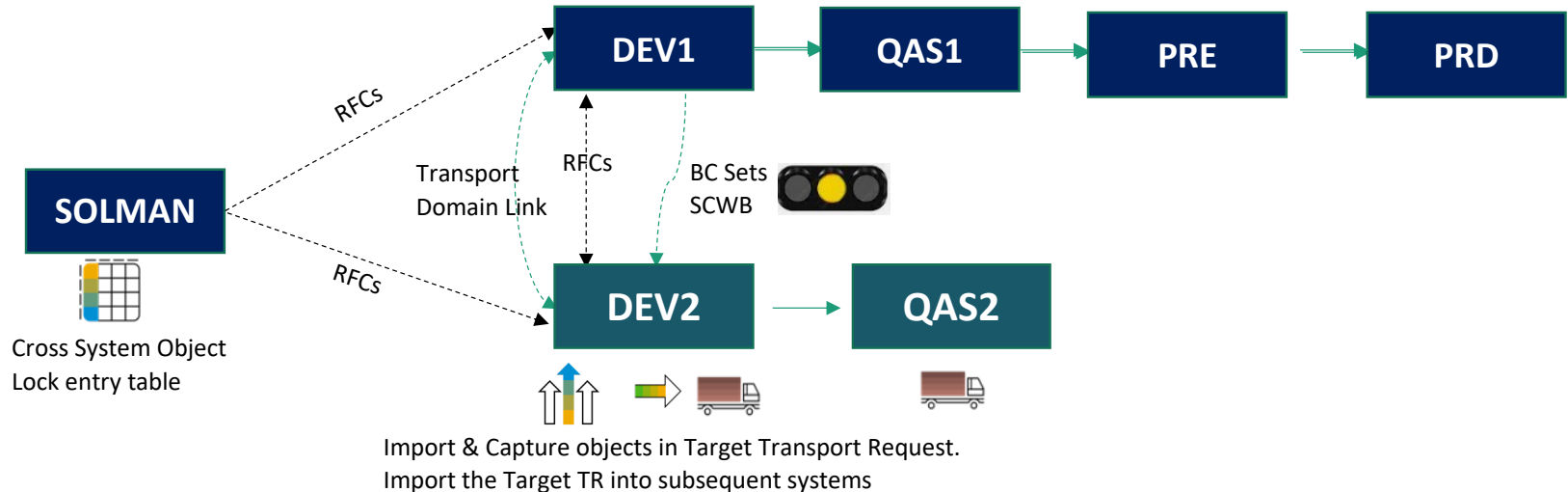


When there is **no conflict object** identified in TRs between N and N+1 landscape systems, Auto import option in SolMan Retrofit copies the Changes via ToCs into N+1 Dev system

# 3) Implement Retrofit



Organize retrofit operations based on pre-populated list of requirements



When there is a **conflict object** identified in TRs between N and N+1 landscape systems, SolMan Retrofit provides SCWB/BC Sets options to copy the objects from N landscape to N+1 landscape.

# Why Retrofit ?



## Benefits

---

- Easy identification of parallel development objects between N and N+1 landscape.
- Worklist of all transports to be synchronized, down to object level.
- Visibility on the Retrofit process as the master retrofit repository in SolMan act as single source of truth.
- Brings in a governance framework for project/AMS teams to effectively carry out N and N+1 DEV syncing procedure.

# 4) Implement Downgrade Protection

Use it as an « Airbag »!



Urgent Change (SMHF): 8000053456, UC1 Dolo

Save Display Cancel Edit

**Details** Transport-related checks detected issues during th  
**Details** Status was reset by system  
Transaction 8000053456 saved

Status	Type	Result
❌	Downgrade Protection	Very critical conflicts
✅	Cross Reference Check	Error issues: 0; warn
✅	Critical Object	Workbench objects:
✅	ABAP Test Cockpit	Error issues: 0; warn
✅	Code Inspector	Error issues: 0; warn
✅	Custom Check	Error issues: 0; warn

**DOWNGRADE PROTECTION** CROSS REFERENC

Show Conflict History Ignore

Filter:

Source Trans...	Conflict Tran...	Program ID	Object Type	Object Name	Table Name	Table Key
K986446	K986443	R3TR	TABU	T005A	T005A	100099
K986446	K986443	R3TR	TABU	T005A	T005A	100E099

**Ignore Conflict** **Close**

Filter:

Actions	Chec...	Chec...	Confl...	Checked O...	Checked O...	Conflict Obj...	Conflict Obj...	Status of C...	Confl...	Cycle/Sc...	System	Archived	Ignored by	Ignored at
<b>Details</b> ...	⚠️	Open	❌	Urgent Ch...	8000053456	Normal Ch...	8000053456	Successful...	2	8000053...	i~A...			

**Main Data**

Status of Check: Open  
Type: Predecessor Warning  
Found on: 21.08.2018 10:34:15 CET  
Caused by: **Transp. Import at Change Level**  
Conflict System: i-ABAP/200  
Checked Object: Urgent Change (SMHF) (8000053456)  
Developer: Developer

**Conflict Object Data**

Conflict Object: Normal Change (SMMU) (80000534...  
Status: Successfully Tested  
Cycle/Scenario: 8000053453  
Change Manager:  
Developer:  
Task List ID: I000008506  
Cycle Phase: Build

Hint: Downgrade can occur when importing requests of Urgent Change (SMHF) 8000053456 before requests of Normal Cha...

# Retrofit with Downgrade Protection at a Glance



## Benefits

---

- **\$\$ Savings** = Less manual effort for double maintenance with conflict and sequence visibility
- **Risk mitigation** = Retrofit coupled with effective downgrade protection feature ensures there are no accidental overwrites/downgrades scenarios in production system during go live.

# Conclusion



## Lessons learned

---

- Implementing CSOL-Retrofit with Downgrade Protection
  - Is a key-element in the reduction of your ungoing total cost of ownership:
    - a) Avoidance of duplicate effort
    - b) Minimizes risks in production (and associated costs)
  - Brings peace of mind for release and change management
  - Requires discipline, but all for the better

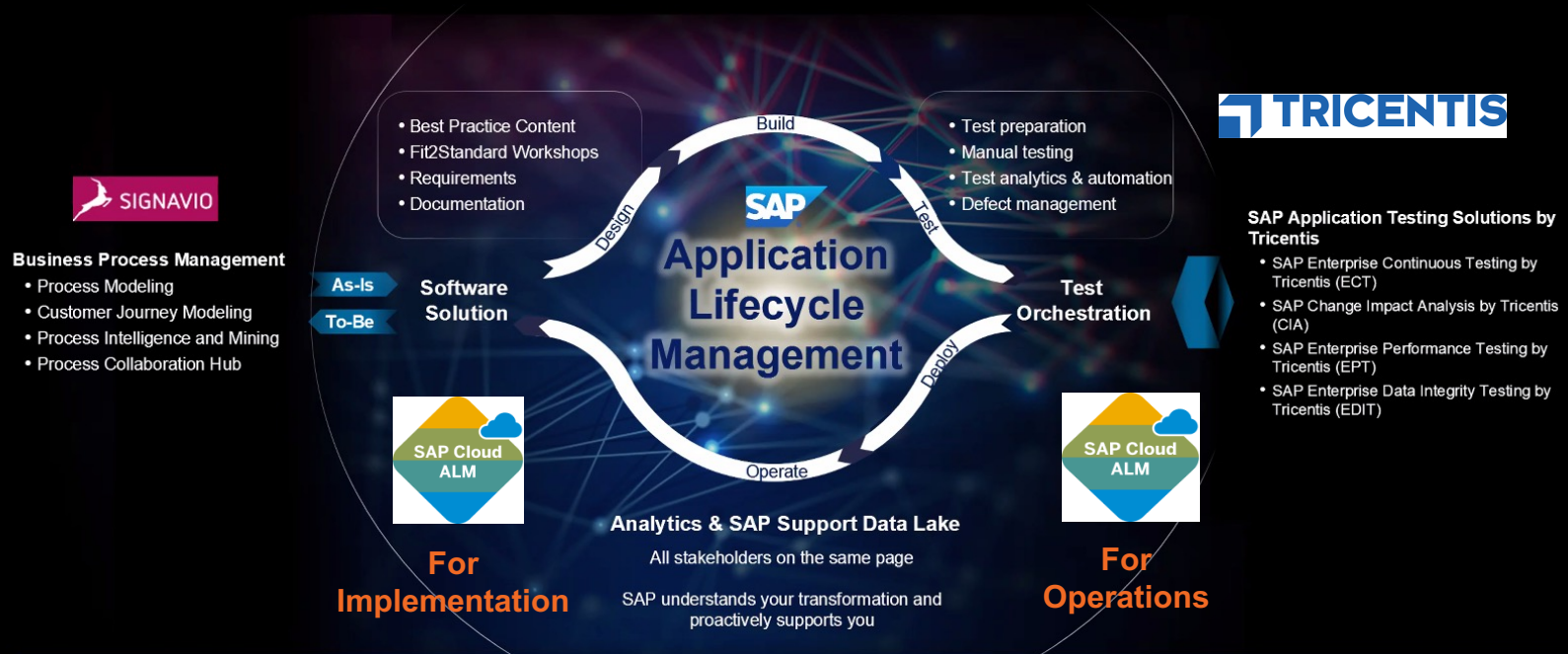
# What is next for your ALM



We are the experts : let us meet at the next ASUG event or sooner!

## Business Transformation Suite Wins

Application Lifecycle Management as integration engine for Business Transformation included in RISE with SAP



One methodology and tool chain, one process hierarchy, best practices, E2E traceability and proactive support

# Thank you !

**Guillaume BOUCHARD**

[gbouchard@beyondtechnologies.ca](mailto:gbouchard@beyondtechnologies.ca)

**François MICHEL**

[fmichel@beyondtechnologies.ca](mailto:fmichel@beyondtechnologies.ca)

**CANADA**

111 Blvd. Robert Bourasa, Suite 4500  
Montréal QC H3C 2M1

185 The West Mall, Suite 1010  
Etobicoke ON M9C 5L5

**UNITED STATES**

15 Exchange Pl, Suite 620  
Jersey City, NJ 07311

**FRANCE**

21 Rue Camille Desmoulins  
92130 Issy-les-Moulineaux

Telephone: 514 227-7323  
Toll Free: 1 877 449-7323  
[solutions@beyondtechnologies.com](mailto:solutions@beyondtechnologies.com)

