

# Leveraging Automation for Optimized SAP Change Management

SA Power Networks' Journey

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# Introduction to SA Power Networks

- SA Power Networks is the principal electricity distributor in South Australia, delivering reliable and safe power while leading the State's rapid transformation to meeting all our energy needs from renewable sources by 2030
- Our services include, maintaining and building a reliable distribution network, responding to outages including those caused by extreme weather, and ensuring community safety from electric shock and from bushfire.
- We are focused on using data, analytics and automation to improve our efficiency and manage a dynamic and rapidly evolving energy system.



**Empowering** South Australia

# SAP Application Overview

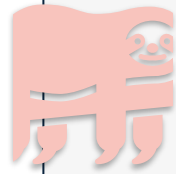
Business Process Area		Platform Application					Cloud Application	Vertical Apps							
Analytics	Analytics & Reporting	Business Warehouse	Business Objects	BPC	SLT/DS	S/4 Embedded Analytics	SAP Analytics Cloud	Cloud Platform Integration	S/4 Fiori (Embedded FES)	Process Integration	Solution Manager				
Governance	Governance, Risk & Compliance (Access Control)														
C/4HANA	Lead to Opportunity											C/4HANA Sales			
	Issue to Resolution											C/4HANA Service			
Success Factors ECC6	Hire to Retire					Success Factors Employee Central	Success Factors Payroll								
		S/4 Org Management		S/4 CATS											
S/4HANA (ERP)	Account to Report	S/4 Finance		FIN-FSCM-CR											
	Source to Pay	S/4 Sourcing & Procurement				Concur									
	Inquiry to Cash	S/4 Sales & Service													
	Inventory & Warehouse Management	S/4 Supply Chain													
	Plan to Retire	S/4 Asset Management													
		S/4 Enterprise Performance Management													
		Self Service Portal										S/4 Portal			
S/4HANA (ISU)	Meter to Cash	IS-U Billing	IS-U Device Management		S/4 Finance										
		IS-U Market Process Mgt	IS-U Energy Data Management		S/4 FICA										



# SAP Change Automation at SA Power Networks – Pitfalls of a Manual Change Management Process



**Resource Intensive**



**Slow and Inefficient**



**Lack of Control**



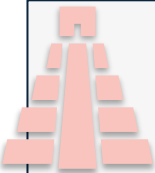
**Increased Risk of Conflicts**



**Limited Visibility**



**Human Errors**



**Lack of Scalability**



**Inconsistent Change Documentation**



**Limited Reporting and Analysis**

# SAP Change Automation Tooling



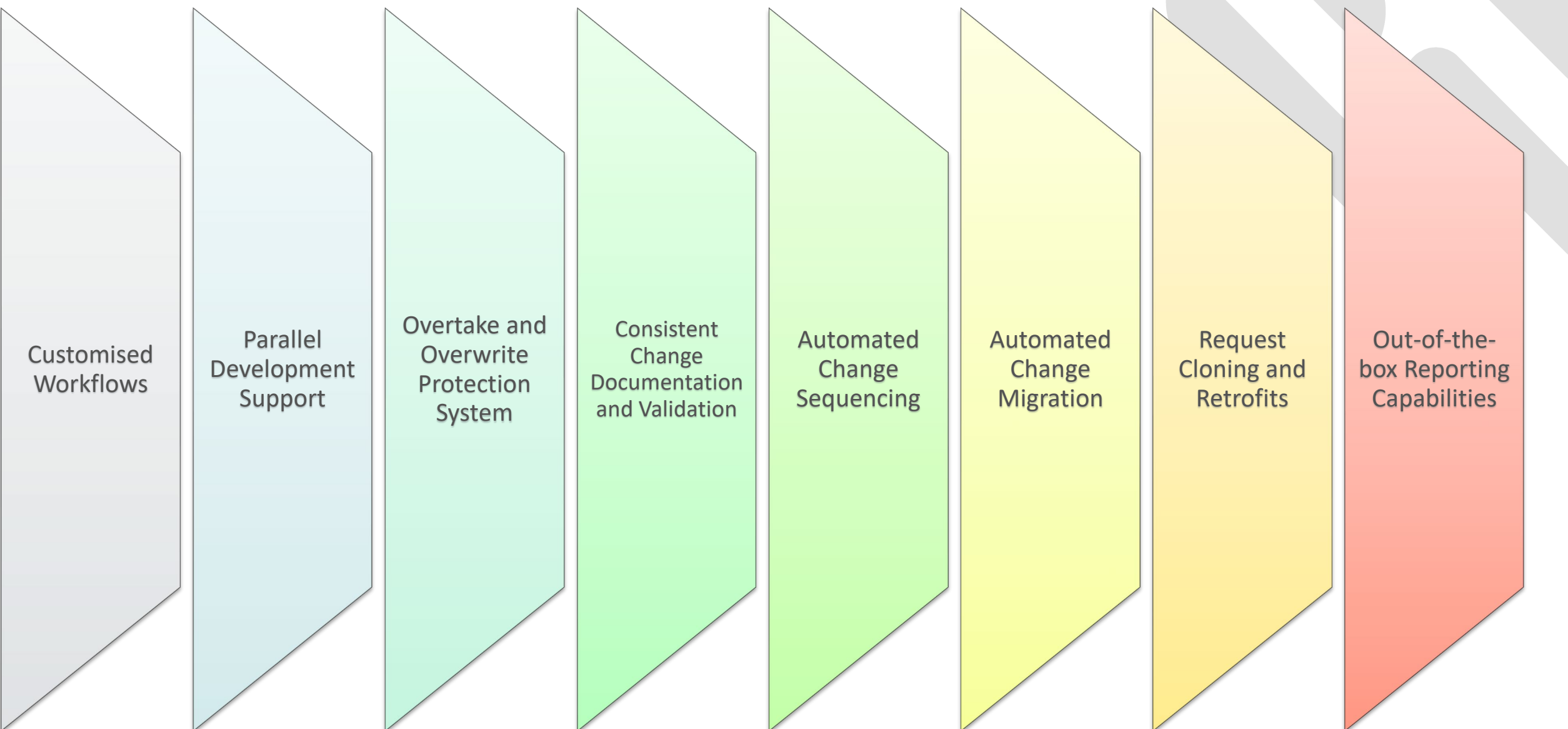
SA Power Networks has been using Rev-Trac since 2016.

Options assessment conducted last year to evaluate other products in the market.

Evaluation criteria included License/Operational Cost and Future Proof/Roadmap.

Chose to continue with Rev-Trac due to its alignment with our requirements and roadmap.

# Key Rev-Trac Functionalities Leveraged at SA Power Networks



Customised  
Workflows

Parallel  
Development  
Support

Overtake and  
Overwrite  
Protection  
System

Consistent  
Change  
Documentation  
and Validation

Automated  
Change  
Sequencing

Automated  
Change  
Migration

Request  
Cloning and  
Retrofits

Out-of-the-  
box Reporting  
Capabilities

# SAP Systems Optimized with Automated Change Management



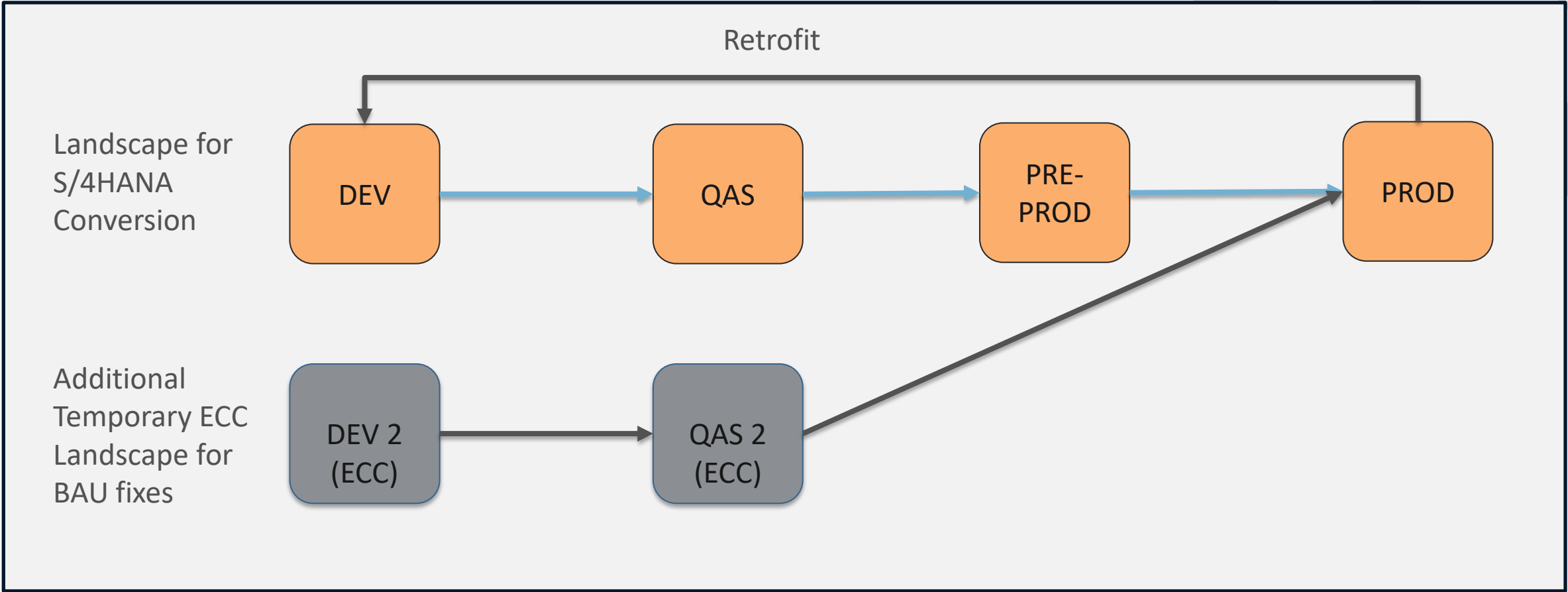
- We have extended automated change management across multiple SAP products including S/4HANA (ERP) , BW, PI/PO, GRC, ECP and are also in the process of adding our SAP S/4HANA IS-U to it also
- Solution Manager is being used as the Rev-Trac Master as it has connectivity with all the satellite systems

# Change Strategy for BAU Changes and Minor Projects





# Change Strategy for our S/4 Conversion Project – TranS4orm



# SA Power Networks' Next Steps for SAP Change Automation

Integration of  
Rev-Trac with  
ServiceNow CR  
process

Automate  
execution of  
Unit Tests on  
release of  
transports

Implement web  
based UI with  
mobile  
approvals

Change  
Automation for  
BTP services

## Rev-Trac Roadmap for BTP

Approach	Description	ETA
CTS+	Configure an on-Premise NetWeaver system in CTS+ to host transports for the BTP	Ready
Cloud TMS	Configured TMS in the cloud to manage transports across the BTP	Prototyping in Lab
Non-Transport CI/CD	Use traditional non-SAP technologies such as Git and Jenkins to deploy releases across the BTP (No Transports)	In-Progress Working with Beta Customers

# Summary of Benefits Achieved by Change Automation

- **Improved Governance:** Predefined approval workflows help in enforcing robust governance and process compliance
  - ✓ Improved compliance of SAP changes
  - ✓ Increased visibility of SAP changes
- **Boosted Deployments:** Automation increases deployment speed, volume, and quality
  - ✓ Reduced the risk of errors in SAP changes
- **Heightened Efficiency:** Minimise business downtime for both BAU operations and major releases
  - ✓ Reduced the time it takes to manage SAP changes

**"Automation applied to an efficient operation  
will magnify the efficiency"**

**- Bill Gates**

An orange speech bubble with a white drop shadow, containing the text "thank you" in a bold, white, sans-serif font.

**thank you**



## How to Connect with Us

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