Cloud-Based Data Integration Deployments with Cedar Labs

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Why Cloud?

- No up-front software and hardware purchases
- No aging hardware / old versions of software
- Secure
- Scalable
- Handle “spikes” seamlessly (i.e., reporting windows, sweeps, etc.)
- Avoid all-or-nothing implementations
- Strategically minimize expenses
What is “Cloud-Native”?

Cloud-native technology is:

◎ Not just “lift and shift”
◎ Built specifically to take advantage of cloud tools that:
  ○ Reduce cost
  ○ Achieve incredible performance
  ○ Maximize scalability
◎ Leverage ongoing investments from cloud provider
◎ Future-proofed implementation
◎ Leverage related technologies (AI, Machine learning, Predictive analytics, Low-cost BI)
Case Study #1:
New South Wales, Australia
Background

- Second largest district in the world
  - > 2,000 Zones
  - > 50 services/zone
- Start with a small PoC
- Ability to modify scaling plan and update software with changing environment and priorities
- Access to be able to manage their own implementation
- Supported by our partners at Systemic PTY Ltd
# The Solution

**vendor_preproda Solution Overview**

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Case Study #2: edSpring and Fastbridge Learning (Iowa statewide deployment)
Background

- Started new MTSS software application in 2013, scaled statewide in 2014 (edSpring)
- Leverage SIF 2.x statewide implementation
- SIF 2 to SIF 3 conversion in real time
- Shifted entire state to new application in 2017 (Fastbridge) with 3 months’ lead time
  - Transform data to CSV uploads to bridge transition
  - Later migrated to SIF 3 API
The Solution
Cedar Labs

- Cloud-native technology
- First and longest-running production SIF3-certified implementation
- Broker and Transformation Engine
- Builds bridges across standards, versions, and vendor capabilities
- Maximize flexibility of implementation and scaling
Thank You!

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