Modernization – Real Life Scenario: How WoodmenLife Is Doing It

WoodmenLife
Standing Strong For Generations
WoodmenLife – Who We Are

- WoodmenLife is a different kind of life insurance company: not for profit.
- Founded in 1890
- $10.44 billion in assets*
- $1.12 billion surplus ($112 assets / $100 liability)*
- $37.2 billion life insurance in force*
- More than 700,000 members across the nation*
- A+ (Superior) Financial Strength Rating from A.M. Best*
- Gives back on a local level through chapters that help lead community service projects.

* As of Dec. 31, 2014
Challenges and Objectives

• Legacy CICS applications, VSAM and DB2 data
• Continual addition of new systems
• Modern users / modern interfaces
• Architectural complexity increasing, always changing
• Integration complexity increasing, always changing
• Transition to enterprise service architecture
• Decompose/recompose policy admin system (PAS) and others
• Seven-plus years
Core Architecture: June 2012

This collection of architecture diagrams represents the evolution of Woodmen’s integration applications and PAS capabilities towards a Service Oriented Architecture model. The following systems are not represented, but may also be SOA candidates: CT List Bill, PAM, e-Comply, e-Licence, etc.
Initial CICS Integration methods

- Screen Scraping
- Direct reads to DB2
- CICS Web Services
Core Architecture: August 2013

This state represents the conversion of FileNet to AWD and the implementation of HostBridge, which will allow for web-enabled CICS transactions which can be automated in a single workstream.
HostBridge: Integration Architecture

Mainframe (z/OS)

- MQ
- Trigger Queue
- CICS Web Support
- EXCI
- LINK Interface
- Process Automation
- Application Access

CICS TS
- Data Sources
  - DB2
  - VSAM
  - Datacom
  - Other
- Applications
  - BMS
  - 3270
  - COMMAREA
  - TS-Native
  - CA Ideal
  - CA Telon
  - ADS/IDMS
  - CSC Vantage
  - Fidelity/Altel
  - COBOL, PL/I
  - Assembly
  - Other

Enhanced Multi-Region Operation (MRO)

Server Application
- Java, .NET, other
- WebSphere, WebLogic, webMethods, etc.

Client Application
- XML/HTML
- XML/SOAP

People and programs accessing HostBridge
IBM infrastructure components
HostBridge integration components
Existing CICS applications and data sources
PAS Decomposition: March 2014

This collection of architecture diagrams represents the decomposition of the Woodmen’s PAS capabilities. The current state shows projects and frameworks in progress, not the end state. Client, AWD and Member Website are current projects and the ESP is evolving with connectors to Pathfinder and HostBridge, Auto-Underwriting and network storage.

Adapters or Facades are responsible for the translation of the message format between a supporting system and the Content Router. All interaction with the Content Router will go through an adapter service. This will allow us to remove a supporting system without having to change the Content Router.

Key:
- U = User Interface
- S = Utility System
- M = New or modified system or interface

PAS Decomposition: Current State (as of March 2014)
PAS Decomposition: 6-18 Months

This state represents the completion of the new Print, Illustrations, TAI upgrade and our enterprise data storage solution. These systems should also receive service orientation along with completion of the audit service.
PAS Decomposition: Ongoing

PAS Decomposition: Interim State (Ongoing)
Thank You!

Questions?