UC4 and SunGard HE UDC

Improve Banner Processing With Automation

Tim Andrews
Business Development
Baobab Software
Agenda

+ Who is UC4?
+ Common Challenges
+ Solution Architecture
+ Banner Processing
+ Summary
Who is UC4 Software?

- Founded 1985, formally AppWorx
- 260+ employees
- Sungard HE Collaborative Member
- 1750+ customers
- 250+ SunGard HE customers
- 500 large enterprises
UC4 - SunGard HE Customers
Agenda

+ Who is UC4?
+ Common Challenges
+ Banner Processing
+ Summary
Common Business Process Challenges

Multiple People and Departments

Error prone and costly manual processes
Disconnected Islands of automation
Lack of visibility, management & control

Applications and Servers
Automation is the Answer

Multiple People and Departments

To effectively deliver the right business information at the right time at the lowest possible cost

Applications and Servers

Banner  ODS  Reporting  Databases  Legacy Applications
Common Business Challenges

+ Visibility Over Entire Business Process
+ Lack of Control

+ Management of Critical Processes
  – Finance - Nightly / Monthly
  – Payroll
  – Financial Aid – ISIR, Student Awards
  – Student Processing – Letters, End of Term
  – Development - Grant Processing
  – Interfaces

+ Number of Steps Required to Complete Task
+ Failure to Detect Errors
+ Delayed Response Between Departments
+ Sending Accurate Information to Partners
+ Business/IT Alignment
Common IT Challenges

+ **System / Database Management and Housekeeping**
  - OS Backup, Maintenance, File System Cleaning
  - DB Backup, Re-Org, Purge

+ **File/Data Management**
+ **Delayed Error Notification**
+ **Potential Performance Bottlenecks**
+ **Integration of Applications**
+ **Data Corruption**
+ **Coordination of Requests Beyond Core Application**
+ **Missing Service Level agreements**
Agenda

+ Who is UC4?
+ Common Challenges
+ Solution Architecture
+ Banner Processing
+ Summary
Reliability, Scalability, & Performance

Automation Engine Architecture

**Scalable**
- Handles the heaviest loads
- Manages peak load

**Reliable**
- WatchWorx
- HA Failover
- No interruption of service
- Unlimited Enterprise Automation

**Supported Platforms**
- Windows
- Unix
- Linux
Reliability, Scalability, & Performance

Remote Agents

- Execute processes
- Run as defined user
- High performance
- Groups
  - Load Balance (CPU)
  - Run on all
- Windows
- Unix
- Linux
- AS400
- OpenVMS
- zOS, zLinux

UC4 Automation Engine
UC4 Standby Automation Engine
Repository
Repository
Replication
Heart Beat
Remote Agents

Repository
UC4 Automation Engine
UC4 Standby Automation Engine
Repository
Repository
Replication
Heart Beat
Reliability, Scalability, & Performance

Application Agents

- Oracle EBS
- PeopleSoft
- SAP
- SunGard HE Banner
- JD Edward
- Oracle Retail (Retek)
- Siebel
- Lawson
- AMISYS
- TCBS/TCCUS
- Ecometry
- Ventyx
Reliability, Scalability, & Performance

User Interface

- Intuitive interface
- Single point of control
- Web GUI
- Graphical Analysis
- AppMaster
Agenda

+ Who is UC4?
+ Common Challenges
+ Solution Architecture
+ Banner Processing
+ Summary
Current Banner Submission

- Manual Submission
- Black Box
- Manually Check Results
- Determine Success/Failure
- Manage Output
- Repeat
Banner Inter-Module Processing

- Student
- HR Payroll
- Development
- Accounts Receivable
- External Feeds
- Finance
- Financial Aid
- Student
- HR Payroll
- Development
- Accounts Receivable
- External Feeds
- Finance
- Financial Aid

© 2010 UC4 Software GMbH. All rights reserved.
Automate Banner Processing With UC4

+ UC4 Agent for Banner
  - Validated by SunGard HE
  - Non-invasive to Banner
  - Submits Banner jobs
  - Monitors Banner jobs
  - Manages Banner jobs
Include Banner and Non-Banner Processes

Initiation:
Schedule Event Manual

Visibility, Management, Control
- See jobs execute
- Cancel when required

Build Process Dependencies
- Stop on Failure

Extend Banner to UDC
- Custom Reporting
- ODS

UC4 Determines Success/Failure
- Return Code
- Check for specific messages
- Query database
Banner Job Management

Banner

+ UC4 “on-line” captures Banner Jobs
+ Better workload management
+ Efficient use of computing resources
+ Eliminates resource utilization spikes
+ Assists in meeting SLA
Output Management

- View Reports & Logs On-Line
  - In UC4
  - In Banner
- Print Reports and Logs
  - Single or Multiple Printers
- FTP
- Email Output
- e~Print
- Evisions Support
  - FormFusion
  - IntelleCheck

SUNGARD
HIGHER EDUCATION

UC4

Process Automation
Calendar Based Scheduling
Event Based Scheduling
On-Line Capture
Manual Submission

On-Line Viewing
Banner Printing
NetWork Printing

eMail

FormFusion
IntelleCheck

ePrint

Evisions

In UC4
In Banner

Banner Solutions

+ Finance - FAB CHK (Check Printing)
+ Finance – Daily and Monthly
+ Payroll Check Processing
+ Admission Application Fees Requirement
+ Letter Generation - Students & Alumni
+ Government Financial Aid File Processing
+ Student Billing
+ Sleep/Wake & GLB Data/Select
+ Transcript Generation
  – Individual Request
  – Student Mailings
  – Award Generation
Agenda

+ Who is UC4?
+ Common Challenges
+ Solution Architecture
+ Banner Processing
+ Summary
Summary

+ UC4 Software can enhance the automation of Banner processes.

+ The UC4 solution is relevant whether you are a new customer, or you have already implemented Sungard HE Banner.

+ UC4 Software is an enterprise solution for the entire UDC and beyond.

+ UC4 Software can help you gain visibility, management, and control of you enterprise processing.
Thank you

Automate the UDC with UC4