



# SAMS Upgrade Demonstration

John Robichaux & Dan Farmer  
Washington Savannah River Co.  
Savannah River Site  
Aiken, SC

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# SAMS Upgrade Overview

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- SAMS Upgrade Approach
- Product Environment
- System Requirements
- General Application Overview
- Demonstration

# SAMS Upgrade Approach

- Comparison of Development Approach
  - Classic
    - Software built in FoxPro
    - Derived from existing NMMSS FoxPro component
    - FoxPro components are used to create SAMS from NMMSS
  - Upgrade
    - Software built in Visual Basic .NET
    - Subset of NMMSS Upgrade application
    - Visual Basic/SQL Server components for creation

# SAMS Upgrade Approach

- Data entry model
  - Classic
    - Screens are row or record oriented
  - Upgrade
    - Screens are data set oriented



ShipperRIS	ReceiverRIS	TransferNumber	FiscalYear
BXA	BX.A.A	00990434	1977
BXA	BX.A.A	00990435	1977
BXA	BX.A.A	00990436	1977
BXA	BX.A.A	00990437	1977
BXA	BX.A.A	00990438	1977
BXA	BX.A.A	00990439	1977

CorrectionNumber	ActionCode	VersionStatus	NumberofLines	TICode	ForAccount	ToAccount	ActivityDate	Capturedate	ProcessPeriod
	A		1				11/30/2004	5/12/2008	200805
	B		1				11/30/2004	5/12/2008	200805

# SAMS Upgrade Approach

- Data Imports and Exports
  - Classic
    - Handles 80 column format as well as XML formats
  - Upgrade
    - Input and output XML formats only
    - Utility Program converts 80 column to XML format
    - No plans to create 80 column format files

# SAMS Upgrade Approach

- Edit checking
  - Classic
    - Limited set of edit checks due to original distribution media
  - Upgrade
    - Expanded set of edit checks
      - Exactly the same edit checks as in the NMMSS Upgrade
    - Verify error corrections upon data input

# SAMS Upgrade Approach

- Reports
  - Classic
    - Paper reports
      - Text based formats created in the Mainframe “era”
    - Electronic Reports
      - Text file format or an Excel extraction
  - Upgrade
    - Paper reports
      - True formatted reports
    - Electronic Reports
      - XML / XSL style sheets

# Product Environment

- Components of the SAMS Upgrade
  - Microsoft Windows Operating System Windows XP
  - Microsoft .NET version 2.0 / 3.5
  - Microsoft SQL Server Express (free version of SQL Server)
  - SQL Server Native client
  - Microsoft Internet Explorer 6.0 SP1 or later
    - Report Viewing
  - Reports generated in XML and XSL

# System Requirements

- **System Requirements\***
  - Prerequisite hardware
    - RAM Minimum: 192 MB
      - Recommended: 512 MB or higher
    - Hard Disk space 600 MB free space
    - Processor Pentium III Compatible or higher
      - Minimum: 500 MHz
      - Recommended: 1 GHz or higher
  - Video and Screen capable of displaying 1280 by 1024

\*Note: (as identified by Microsoft in SQL Server 2005 Books Online Hardware and Software Requirements (SQL Server Express) Updated: 17 July 2006 )

# General Menu Options

- Authority Reference
- Transactions
- Inventory
- Material Balance
- System
  - Global Reset Screen Defaults
- Utilities
  - Global Parameters
  - Import NMMSS Data

# General Functionality

- Data Load / Screen Query Options
- View Historical Data Option
  - Highlighted with Yellow Background
- Grid Controls
  - Rearrange columns
  - Filter / Find / Sort data
  - Restore Defaults
  - Split Screen
  - Drop Down Lists

# Demo Data Disclaimer

- **RIS and Address information**
  - Unclassified Information Only
- **Import Datasets - 80 column & XML**
  - Derived from test datasets
  - Used Representative Data
  - All values / weights made up by test team