



# LANMAS Advanced Features



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Local Area Nuclear Materials  
Accountability Software  
Safeguards & Security Integration Mgmt

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# LANMAS Advanced Features

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- Methods of Input to LANMAS
- Features and their Integration into LANMAS
- Demo of Integration
- Bolt-On Applications

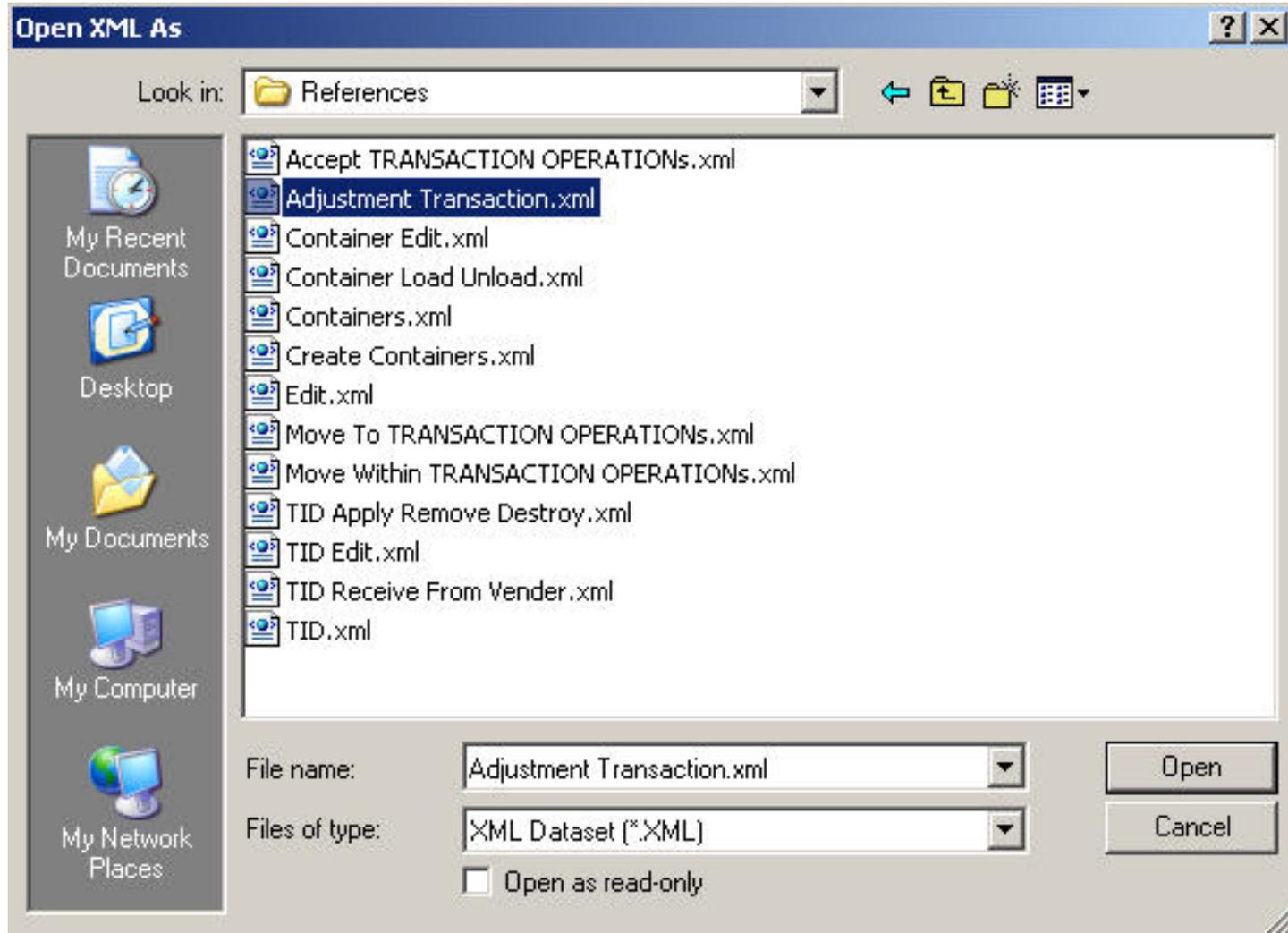
# Methods of Input



User Keyboard Input

LSAuto (Manual Upload of XML file)

LS Watch (Automated Upload of XML)



# XML File

<TRANSACTIONS>

<TRANSACTION OPERATION="Adjustments" ACTIONCODE="I" PROCESSCODE="A"  
ACCTPERIODBEGIN="01/01/2007" ACTIVITYDATE="01/01/2007" TIC="96" RIS="DZA" COMMENT="Auto Load  
for WIPP" USERNAME="W6051">

<MATERIAL SERIALNUMBER="AutoAMat01" ACCOUNTFULLPATH="DZA/MBA1/SUBMBA1"  
LOCATIONFULLPATH="AREA1" IDC="ID020A" NEW="Yes">

<ELEMENT CHEMICALSYMBOL="AM" DETAILMATERIALTYPE="44"  
COUNTRYCONTROLNUMBER="" OWNER="G" PROJECT="DZA1010101" NEWWEIGHT="  
.000801">

<ISOTOPE CHEMICALSYMBOL="AM241" NEWWEIGHT=" .000801"/>  
</ELEMENT>

<ELEMENT CHEMICALSYMBOL="PU" OWNER="G" PROJECT="DZA1010101"  
NEWWEIGHT=" 1.999611">

<ISOTOPE CHEMICALSYMBOL="PU238" NEWWEIGHT=" 1.89"/>

<ISOTOPE CHEMICALSYMBOL="PU239" NEWWEIGHT=" .103"/>

<ISOTOPE CHEMICALSYMBOL="PU240" NEWWEIGHT=" .00429"/>

<ISOTOPE CHEMICALSYMBOL="PU241" NEWWEIGHT=" .000601"/>

<ISOTOPE CHEMICALSYMBOL="PU242" NEWWEIGHT=" .00172"/>

</ELEMENT>

</MATERIAL>

</TRANSACTION>

</TRANSACTIONS>

# Transaction Automation Report

Automation Report - Completed Successful

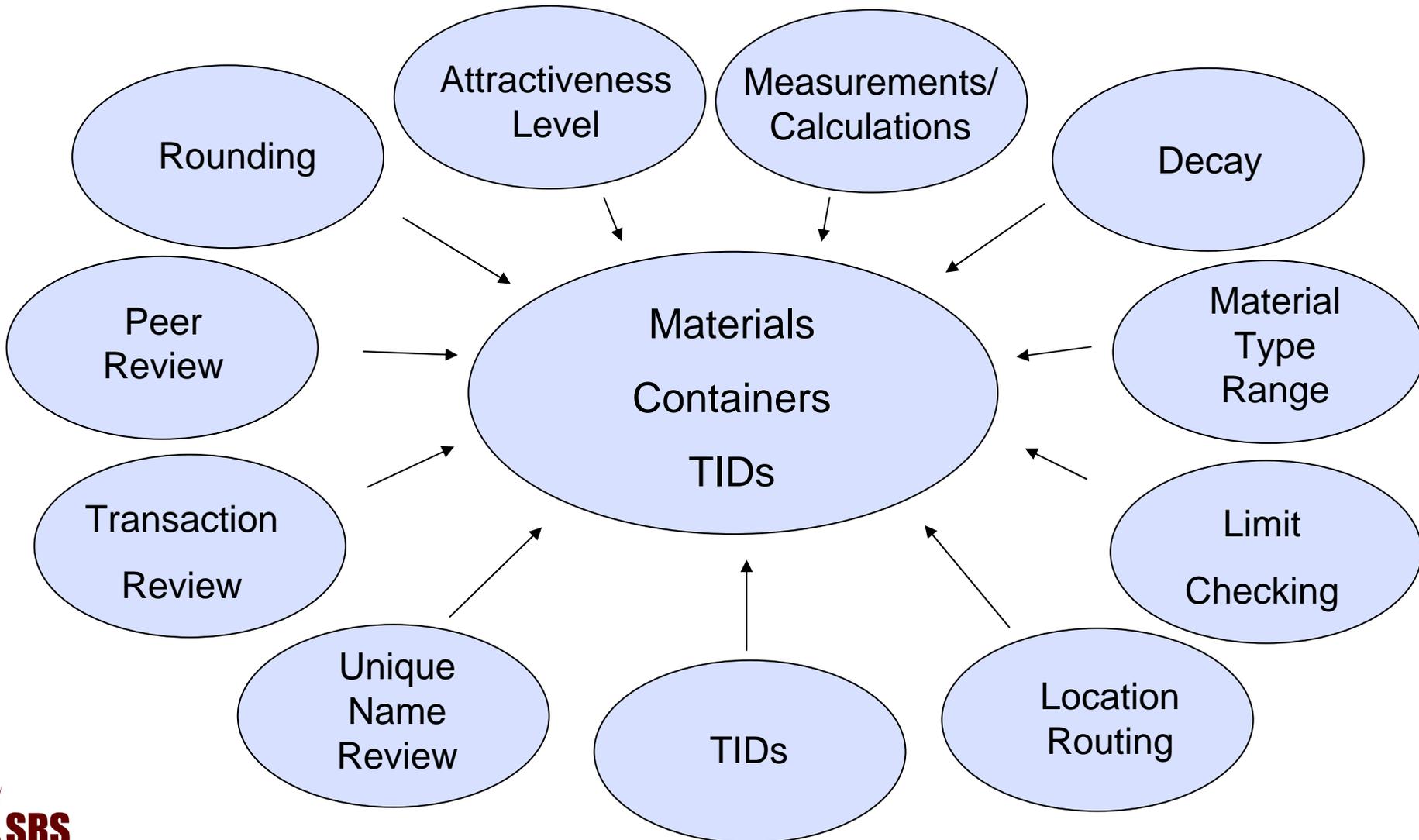
<u>Unique Batch ID</u>	<u>Operation</u>	<u>RIS</u>	<u>Account Period</u>
	Adjustments	DZA	12
<u>XacID</u>	<u>TIC</u>	<u>Process Code</u>	<u>Action Code</u>
63	96	A	I
<u>Activity Date</u>	<u>System Date</u>	<u>NMSS Date</u>	<u>Validated</u>
01/01/2007	05/15/2007		No
<u>NT User Name</u>	<u>User Name</u>	<u>Terminal</u>	<u>Peer Review Name</u>
dbo	DEMO	H-BURNS	
<u>Source Document</u>			
<u>Comment</u>			
Auto Load for NMSS Demo			

# XML Transactions

- **Inventory Adjustments**
  - Create Materials
  - Adjust
  - Write-Off
  - Measurements
- **Containers**
  - Create
  - Load/Unload
  - Destroy
  - Measurements
- **Moves**
- **TIDs**
  - Create
  - Issue
  - Apply/Remove/Destroy
- **Shipping**
- **Edit**
- **Attractiveness Level**

Receipts/Receipt Measurements, Mix/Split/Transfer and Obligations  
are not covered by XML

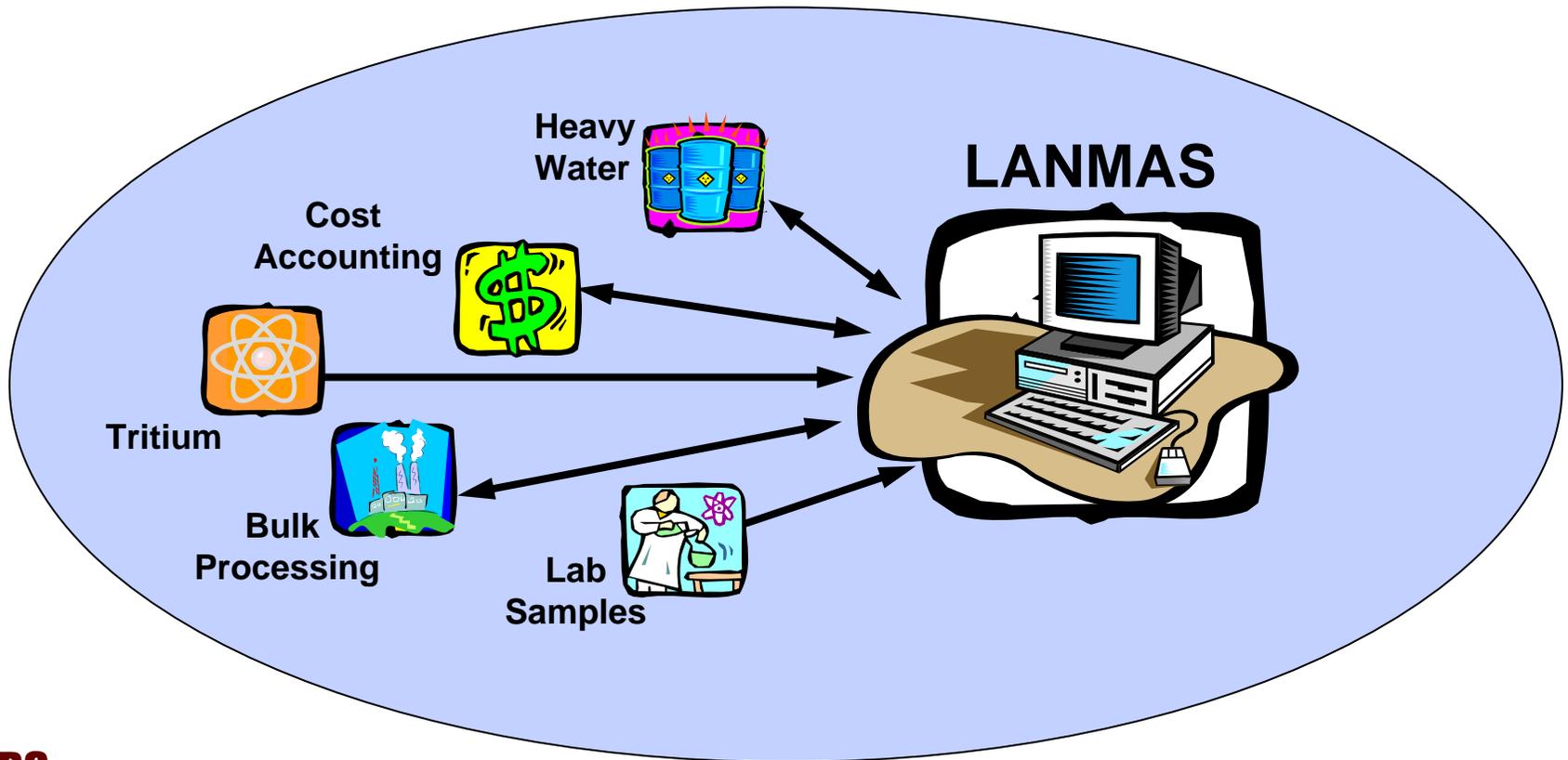
# Integration of Features



## Integration of TIDs and Limit Checking

# LANMAS Core Accounting

- Core component of accounting system



# Bolt-On Applications

- Can
  - Retrieve Data from LANMAS tables
  - Use LANMAS components/controls to develop own application
  - Create menu items and buttons in application
  - Produce Site-specific Reports
- Can not
  - Directly update LANMAS tables
  - Modify LANMAS application

## Integration of Windows Calculator

# LANMAS Reception

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**International F Room**

**5:00 – 6:30 p.m.**

- **Methods of Input to LANMAS**
- **Features and their Integration into LANMAS**
- **Demo of Integration**
- **Bolt-On Applications**

# Questions?

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