

**IBM Software Group** 

#### 2005 B2B Customer Conference

Pioneering New Horizons – Solutions that Evolve

WebSphere. software

WDI Transaction Store
Tracking your Expedition
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### **Objectives**

- Do I even need to go to the Store?
- How to recognize ....
  - Warning signs that you may need "supplies"
  - Types of "supplies" your expedition requires
  - Each expedition's unique "supply" requirements
  - Your expedition's tracking needs before, during and after
- Store Inventory
  - Types of "supplies" available in the Store
  - Supplies not available from the Store
- Experienced Trail guide "tips" for.....
  - Ways to obtain and organize the "supplies" you'll need
  - Effectively utilizing "supplies" during your various expeditions
  - Tracking techniques along the way
  - What happens when "supplies" run out



## Do I even need to go to the Store?

- Do you have the "Supplies" available?
- What type of "Supplies" are needed?
- Does the Store contain what you need?
- Are there other WDI tools that can aid you in your journey?
- Compare shop multiple places to get your supplies



## How to recognize.....

- Warning signs that you may need "supplies"
  - Have no idea where you have been?
  - Not sure if you lost someone in your travels?
  - Leader does not know how many are in the party?
  - Need to retrace your steps?
- Types of "supplies" your expedition requires
  - Depends ....where..how long...who Statistics of trading partners, transactions, maps etc FA stats (returned, pending, in error) Trading Partner details / stats Mapping stats



## How to recognize.....

- Each expedition's unique "supply" requirements
  - > Details needed to satisfy the reporting requirements?
  - Where will those details come from?
  - What is the driving force behind the expedition?
- Your expedition's tracking needs before, during & after
  - First, outline the high level details of what is needed
    - What was received
    - What were the errors / warnings during
    - What was successful
    - What was the result / output



### Store Inventory

- Types of "supplies" available in the Store
  - Canned pre-formatted reports
  - Extract reports in column/row format

DATA: By transaction type, direction, trading partner, etc

- Number of transactions
- Number of bytes
- Functional Acks returned, pending, in error
- EDI images
- Linking FA's and error messages to original transaction
- List transactions in error



## Store Inventory

Types of "supplies" available in the Store - continued

FUNCTIONS: By transaction type, direction, trading partner, etc

- Rebuild interchanges
- Resends
- Update transaction status
- Generate reports
- Maintenance / Remove transactions
- Extract reports at the interchange, group, or transaction level



### Store Inventory

- Supplies not available from the Store
  - Reports by Network / Requestor
  - Usage by mailbox
  - Trading Partner profile data
  - Statistics by "map"
  - Network statistics at the interchange level
  - Statistics by Test / Production indicators
  - Statistics by EDI Standard level
  - Reports of what objects are defined in WDI
    - Maps, Trading Partners, Usages



- Ways to obtain and organize the "supplies" you'll need
  - > OBTAIN:
    - Transaction Store
    - Management Reporting
    - User written tools
  - > ORGANIZE:
    - Gather info on a cyclic basis
    - Try to use the same cycle for all related reports
    - Try to keep database volumes small



- Effectively utilizing "supplies" during your various expeditions
  - ➤ One report Multiple Purposes
  - Keep Store volumes as small as possible querying can be costly
  - > Try not to use complex keyword combinations
  - Write effective user programs when needed to regroup information as required.



- Tracking techniques along the way
  - > FA Pending
  - FA returned w/errors
  - Some of the canned reports may need "cleaning"
  - Create quick programs to add in "totaling"
  - ➤ If reports are large, add programs to perform summarization
  - Keep volumes in TSF and MR as small as possible
  - Refer to Ch.1 and 2 of the WDI Programmers Reference



- What happens when "supplies" run out
  - New laws on record retention and auditing regulations
    - Network explosion of unrelenting flow of data to be managed
    - Sarbanes-Oxley Act
    - HIPAA
    - 35,000 Global regulations effecting document retention
  - New problems now emerge
    - Slow application response
    - Batch performance
    - Increased downtimes for backups and upgrades
    - Increased risk associated with availability
    - Frustrated users and poor Customer service



### Summary

- Reasons to visit the Store
- What are....
  - Warning signs
  - Types of "supplies"
  - Expedition's unique "supply" requirements
  - Expedition's tracking needs before, during and after
- Store Inventory
- Ready to be a Trail guide?
  - Obtaining and organizing your "supplies"
  - Effectively utilizing "supplies"
  - Tracking techniques
  - When "supplies" run out