# WebSphere Data Interchange
*Soaring Into the Future*

## *Overview/Reasons to move to 3.2*

**WebSphere**® software

*e*.business software
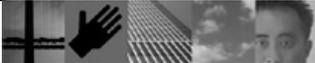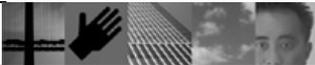
# Command Chaining using MQSeries

- Command Chaining using MQSeries allows processing to continue after each step if desired.

- Initiated by any file being written to, if there is a Service Profile with that same name, it will be executed

- Does not have to use the file that triggers it as input

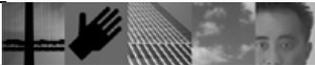- Can start a totally different process.

# RFH2 Header Access from the Mapper

- GetProperty  to retreive the properties
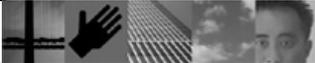
- SetProperty to se the Target Properties

# Integration capability with WMQI using the MCD profile

- MCD profiles available to load MQ headers

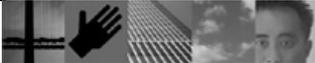- All profiles and processing handled from the client.

# Integration with TPI / Cyclone using EDICYCL Network program

- Direct integration to Cyclone Interchange to drop data on a queue and pass it in to CI.

# Common database for server and client

- Common Database for Server and Client allows ease of installation

- Ease of support

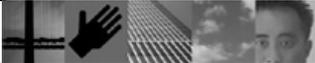- Fewer systems areas involved in the installation and support

# Any to Any mapping

- Data Transformation Mapper

- New and improved!!

- Right click useability
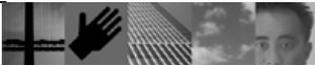
- All commands and functions available at a click

# Validation Mapping

- Allows the customer to create validation maps to confirm a set of business logic in a map

- Can create 997's as appropriate if desired

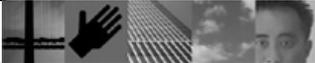- Can set validation level errors as needed

# Better Traces

- Simplifies mapping problem definintion

- Where l = the tracing level:

   **0** All trace messages are ignored.

– Where c = component to be traced:

   **A** All nodes

   **D** Deenveloper node

   **E** Enveloper node

   **M** Message broker

   **P** Parsers

   **R** Rules node

   **T** Transformation node

   **V** Validation node

   **1** Normal tracing. Only the first 256 byes of data in the buffer are written to the trace file.

   **2** Extended tracing. The entire contents of the buffer is written to the trace file.
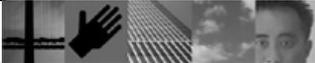
# Ability to run translation on your own PC - makes testing SO much easier!

- Ability to place W2K server on laptop or desktop

- Testing a breeze,

- Fast response

- Easy Testing

- No moving files

# DT mapping offers more functions than traditional send/receive mapping

- Char
- Concat
- Created
- Date
- DateCnv
- Exit
- Find
- Found
- GetProperty
- HexEncode
- HexDecode

- IsEmpty
- Left
- Length
- Lower
- Number
- NumFormat
- Occurrence
- Overlay
- Right
- Round
- StrComp

- StrCompI
- StrCompN
- StrCompNI
- SubString
- Time
- Translate
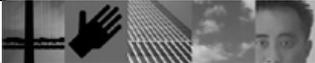- TrimLeft
- TrimRight
- Truncate
- Upper
- Validate

# Choice of target or source based mapping

- Source or Target based mapping allows you to achieve the desired results.

- This can be hard to determine at times.

- Cannot concert maps from Target to Source or Source to Target.

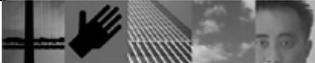# Support ends for v3.1 Dec, 2004

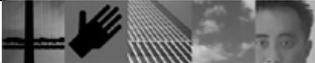- Support for DI 3.1 was announced to complete on Dec. 2004

# True Data Format to Data Format Mapping

- Supports DF to DF transformation
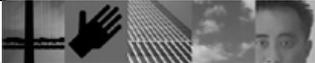
- Previously required a DF to be converted to a standard

# Direct EDI Standard to EDI Standard Transformation

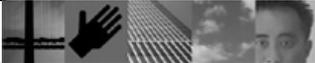- Allows for EDI to EDI Mapping

- Previously required double translation

# XML DTD mapping

- Direct XML transformation

- Supports DTD definition of the XML
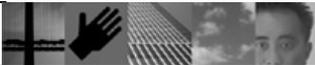
- Previously required double transalation

# Ability to Insert Commands Between Segments

- Inserting commands between segments or elements to get force an operation or assignment based on a specific location of processing data.

- Commands will be executed if the segment is there or not.

- Higher level Segments or Loops must be available to process the commands.

# Ability to Comment Maps

- Ability to add comments to mapping commands.

- Ability to add comment groups to maps.

- Ability to add comments to the map over all
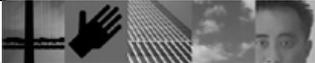
- Change control

# Expanded Conditional processing

- Additional functions available for conditional processing
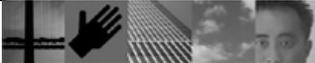
  StrComp, StrCompI, StrCompN, StrCompNI, Find, Found

  Double Qoutes used to compare character strigs – "strings"

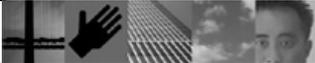  Single Qoutes used to compare numeric fields – '123'

# Simplified HL mapping

- Simplified HL mapping support

- Add Peer

- Add Child

- Automatically the remaining fields based on how you identified the parent/child relationships.
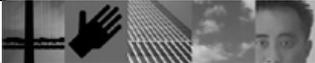
# Complex Qualification Mapping Support

- Qualified mapping can be done by Occurrence, Value, or Expressions

- Combinations of these can also be used to achieve the desired results.

# Easy to Use Mapping Command Editor

- Assist in creating mapping commands

- Right – click menus allow all mapping commands and functions to be selected

- Mapping commands and function formats are given.

- Parameters can be double clicked so that dragging and dropping of commands can be completed easily and acurately.

- Commands can be easily combined to get the desired result

# Predictable mapping command execution

- Mapping commands are executed in the order that they are listed in the mapping commands window.

- By selecting Source or Target based mapping, you control the output results.

- By using the Insert Within, Insert After, Insert Before and dragging and droping your commands in different order, you can achieve desired output.