Simple vs Complex Integration

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velocity
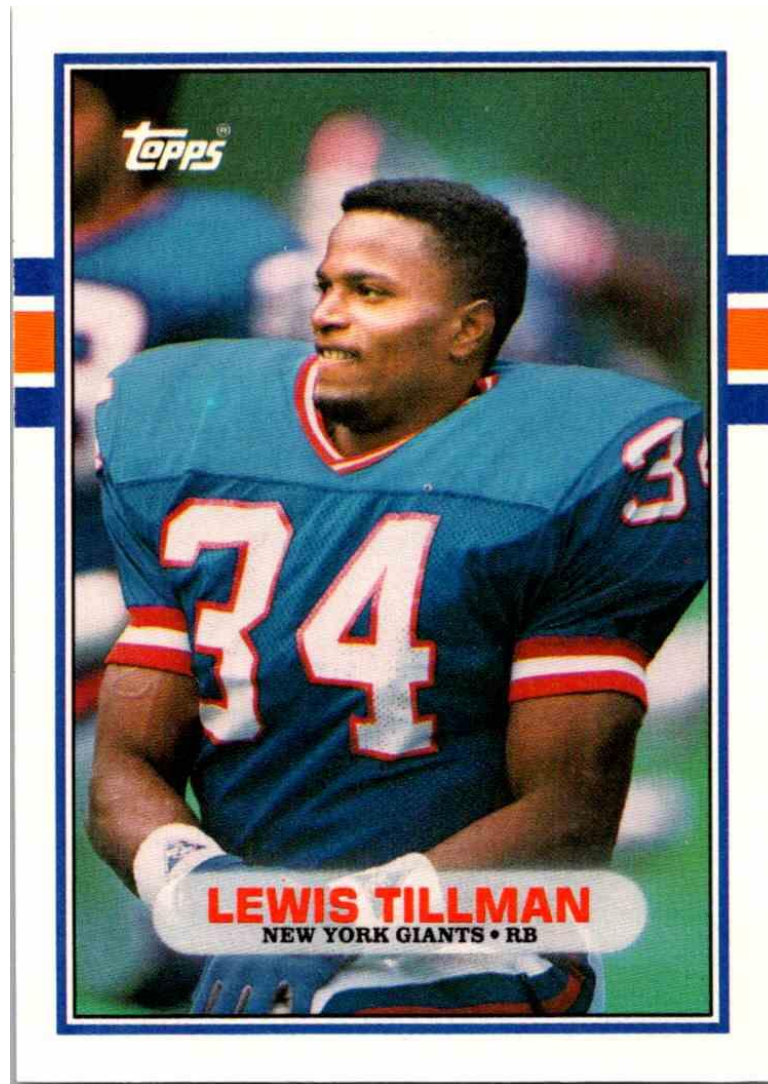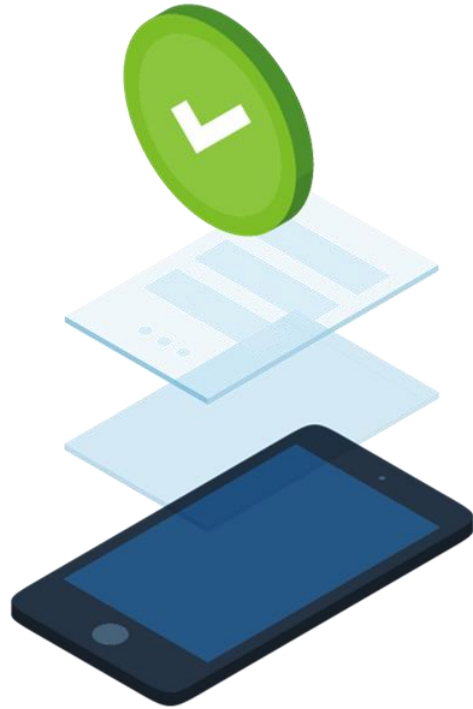CONNECT + ACCELERATE + INNOVATE

LOGILITY   Halo   NGC   Demand Solutions

Our Celebrity Guest Speaker Could Not Make it...

Agenda

► Characteristics of Simple vs Complex

► Determining Integration Challenges

► Evaluate the Challenges

► Determining your Integration Needs

Characteristics

Simple

► Single system

► Responsive IT to modification

► Data is fairly consistent

► Provide full files

► Ability to process in overnight window

Complex

► Multiple systems

► Large data volumes

► Custom rules that required data manipulation within the interface

► Update frequently

► Data consistency issues

Determining Integration Challenges

► How many data sources do you have?

► Where is data?

► Are your operations global?

► How often do you need to refresh your data?

► How much data do you have?

► What are your IT resources?

Evaluate the Challenges

Simple

- ▶ Single data source
- ▶ Local, single system
- ▶ Local operations
- ▶ Scheduled updates
- ▶ Data is fairly consistent
- ▶ Ability to process in overnight window
- ▶ Responsive IT

Complex

- ▶ Multiple data sources
- ▶ Many systems, many locations
- ▶ Global Operations
- ▶ Update frequently
- ▶ Custom rules require data manipulation within the interface
- ▶ Data consistency issues
- ▶ IT Bandwidth

Simple Integration

- ► DS DIET Tool
  - ▪ Data Import Export Tool
- ► Templates to ensure consistent data transfer
- ► Share relevant data between systems
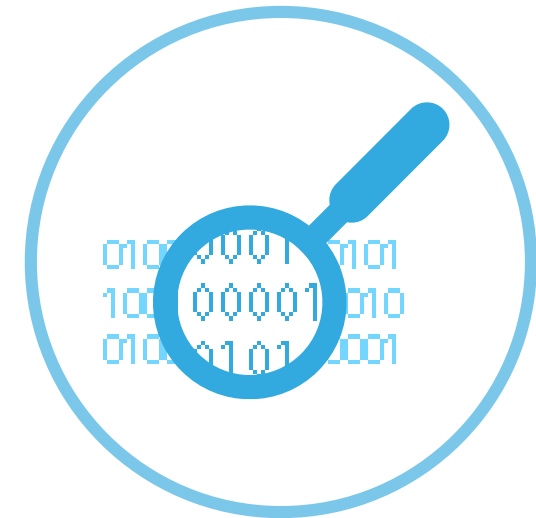- ► May be automated
  - ▪ Your schedule

Complex Integration

▶ Requires Master Data Management Strategy

- Solves common integration problems

- Deals with large data volumes

- Requires AdapLink tool

▶ Make a hard job manageable and timely

AdapLink

► American Software's proprietary rules-based integration and data management application (Master Data Management Solution)

► Solves Common Integration Problems

- Ties supply chains together based on data from multiple ERP systems

- Global operations

- Large data volumes

- Supply chain optimization requires high quality, consistent data

► Make a hard job manageable and timely

Advantages of the Complex Path

Demand Solutions handles the integration (*so you don't have to*)

- ▶ Template-based integration for SAP, Oracle, JD Edwards, Microsoft…etc.
- ▶ Customer Support Services
- ▶ Leverage distributed processing to speed updates
- ▶ Cut implementation effort & time by as much as 90%
- ▶ Certainty of price and timing
- ▶ Streamline master data management (MDM) and data transformation

- ▶ Quickly identify mission critical supply chain data across the enterprise
- ▶ Gain near real-time enterprise integration
- ▶ Net Change approach accelerates synchronization, increases scalability and reduces run times
- ▶ Trap "bad data" and accelerate resolutions before it impacts your planning process with alerts and analytics

Adaplink Provides a Flexible Solution

▶ **Delta Capable (Net Change)**

- Minimizes the data volume that requires transfer and processing
- Allows frequent application updates

▶ **Scalable**

- Connects diverse data sources in single design
- Leverages distributed processing

▶ **Resilient**

- Few critical points of failure
- Simple recovery approach

▶ **Sustainable**

- Uniform design across diverse landscape
- Consistent with Demand Solutions best practices
- Accelerates and Sustains Supply Chain Benefits
- Support by pool of resources knowledgeable about both Demand Solutions and AdapLink

▶ **Growing**

- AdapLink is the only integration platform that will continue to grow in perfect alignment with Demand Solutions

AdapLink Integration: Sustainability

► AdapLink is designed and implemented with sustainability in mind

- **Data volume scalability** is ensured through **delta capability** and architecture supporting **parallel processing** in all important areas.

- **Design scalability** is ensured by making the **addition of data sources/targets straight forward** without "breaking" what already has been implemented.

- **Durability** across Demand Solutions releases is enabled by **American Software maintaining integration adapters** as the overall Demand Solutions platform is updated

- **Supportability** is ensured by applying **common integration designs across customers.** AdapLink-capable resources can quickly be ready to support new customers.

Which Method Will You Choose?

Simple

- ▶ Single source and target system
- ▶ Refresh data on set schedule
- ▶ Consistent data
- ▶ Local / regional team

Complex

- ▶ Multiple source and target systems
- ▶ Data refreshed frequently
- ▶ Large, changing dataset
- ▶ Team distributed across the globe

QUESTIONS?

THANK YOU