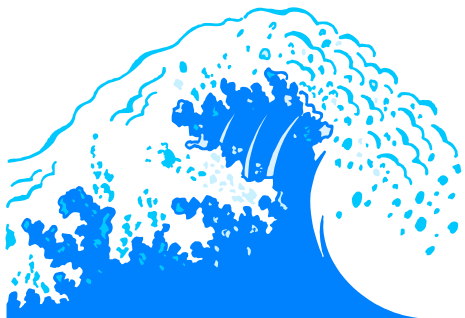


1998 DI USERS GROUP

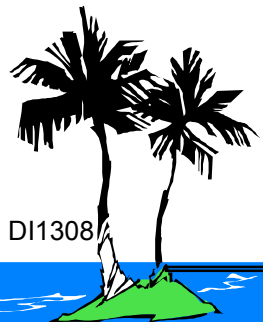
Financial EC/EDI Case Studies



Donald M. Du Brava
Advanced Systems
607-751-6859
donald.dubrava@lmco.com



DI/EDI RIDE THE WAVE!



D11308

DI/EDI Ride the Wave



Lockheed Martin

Electronics Sector

Electronics Platform Integration Group

Federal Systems

Owego, NY

Contacts:

Donald Du Brava

Bruce Goble

Bill McManus

Doreen Glowienka

Gael Tiesi

Phone:

607-751-6859

607-751-2717

607-751-6710

607-741-2279

607-741-2337

Internet ID:

donald.dubrava@lmco.com

bruce.goble@lmco.com

wm.p.mcmanus@lmco.com

doreen.glowienka@lmco.com

gael.tiesi@lmco.com

What is Financial EDI?



Financial EDI refers to the electronic interchange of payments and payment-related data using standard formats between Trading Partners.

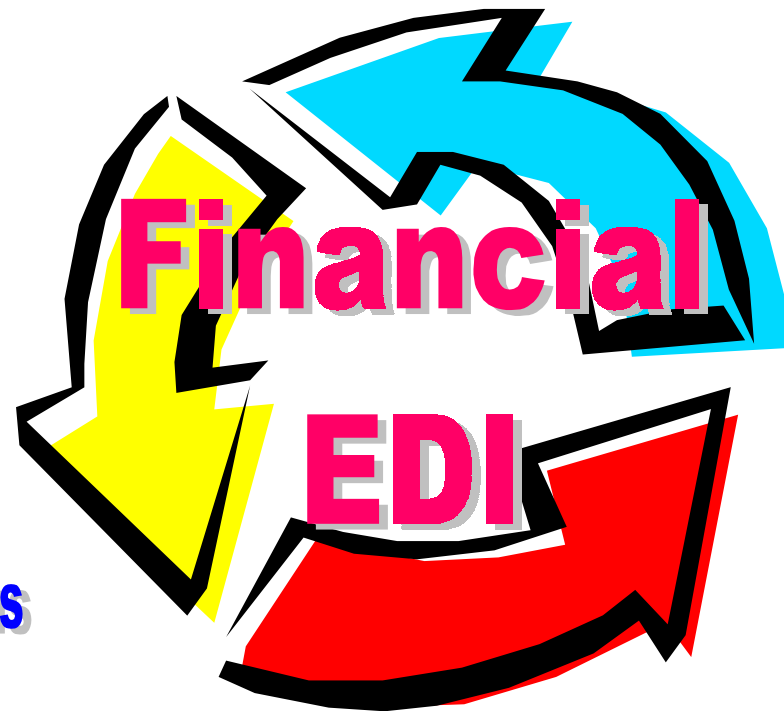
FEDI is different from other industry-specific EDI in that an FEDI transaction involves not only a buyer and a seller but important intermediaries -- financial institutions such as banks, which handle the actual movement of funds.



Freight Invoice
Tx 210

Invoice
Tx 810

Application Advice
Tx 824



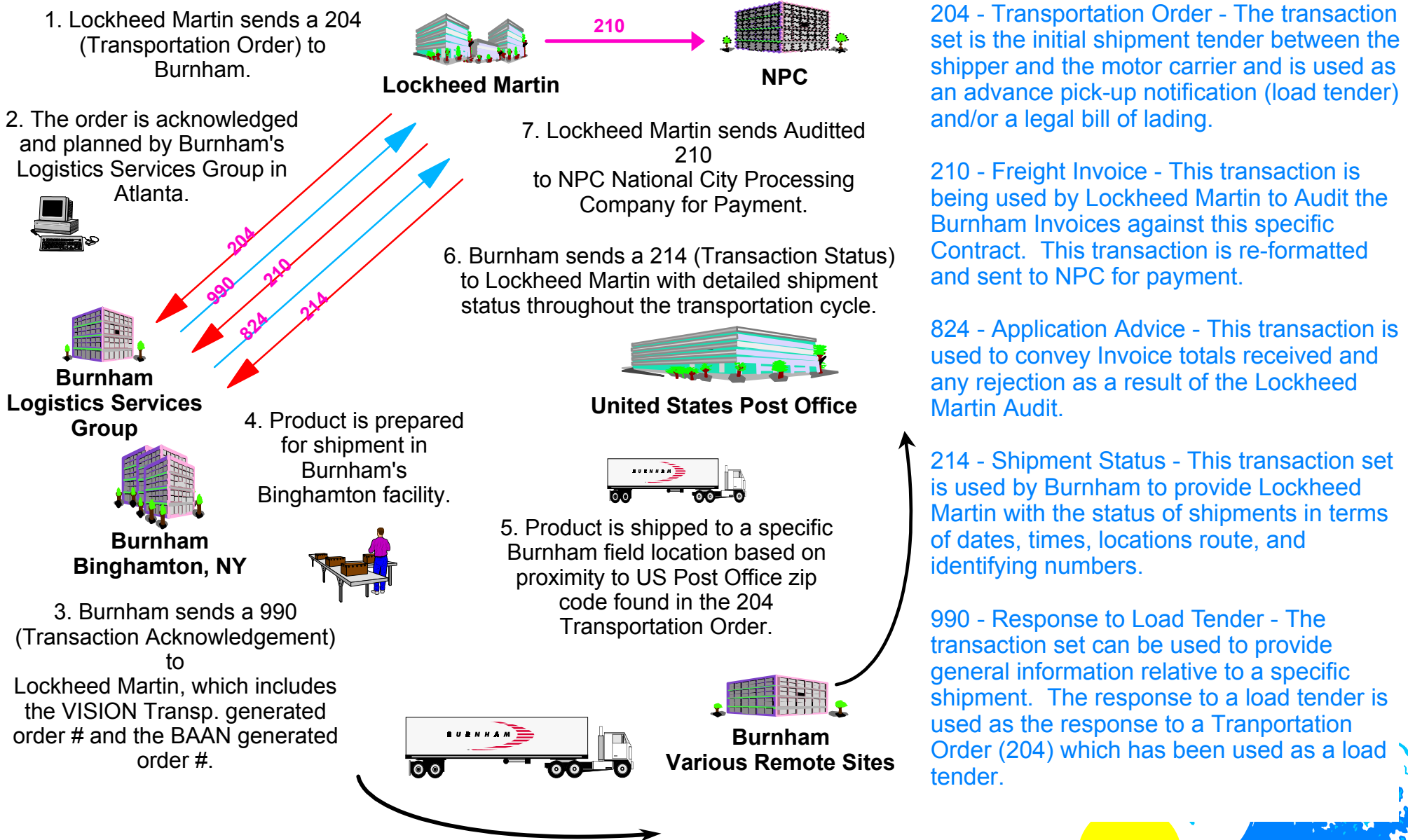
Shipment/Billing Status
Tx 857

Proprietary Format

EFT/Remittance Advice
Tx 820



Mobile Data Collection Device System



204 - Transportation Order - The transaction set is the initial shipment tender between the shipper and the motor carrier and is used as an advance pick-up notification (load tender) and/or a legal bill of lading.

210 - Freight Invoice - This transaction is being used by Lockheed Martin to Audit the Burnham Invoices against this specific Contract. This transaction is re-formatted and sent to NPC for payment.

824 - Application Advice - This transaction is used to convey Invoice totals received and any rejection as a result of the Lockheed Martin Audit.

214 - Shipment Status - This transaction set is used by Burnham to provide Lockheed Martin with the status of shipments in terms of dates, times, locations route, and identifying numbers.

990 - Response to Load Tender - The transaction set can be used to provide general information relative to a specific shipment. The response to a load tender is used as the response to a Transportation Order (204) which has been used as a load tender.

Tray Management Systems (TMS)



Purchase Order - Tx 850



Shipment/Billing Status - Tx 857



Application Advice Tx - 824



850 - Purchase Order transaction is a unique file for each order, that is, for each unique vendor/item combination.

857 - Shipment/Billing Status transaction will be used to convey shipment status and Invoice data for each order placed.

824 - Application Advice, this file is for the purpose of identifying application related errors from both trading partners.



Employee Relocation



Relocation Authorization Data



CENDANT
Mobility

Cendant Mobility is the world's largest provider of relocation management services, assisting Corporations with job-related transfers and individually motivated moves.

ANSI X12 810 (Invoice)



Travel Accounting

Expense Reporting System



Remittance Advice

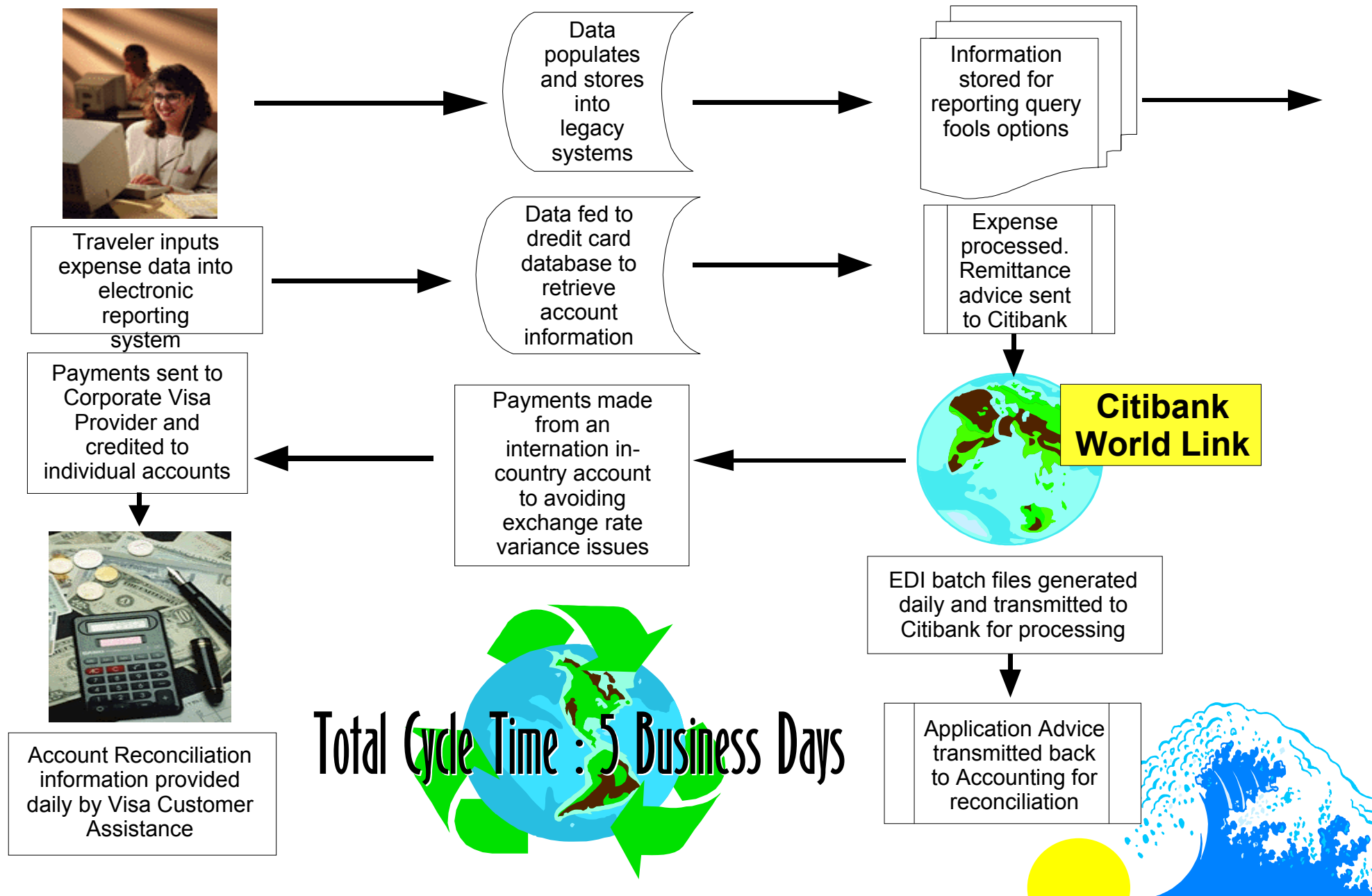


Application Advice



Domestic
International

Direct Pay of Travel Expenses to Corporate Visa

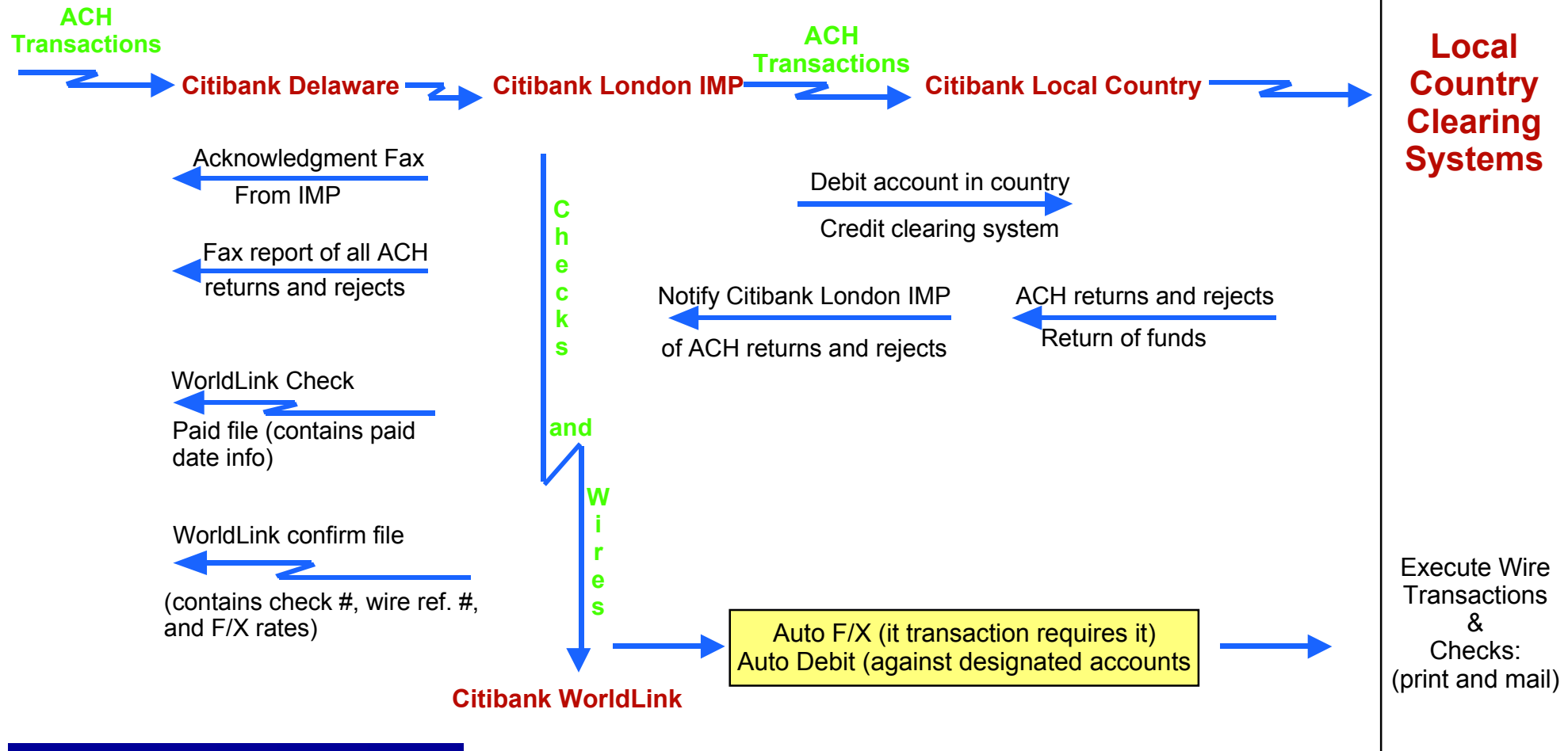


Total Cycle Time : 5 Business Days

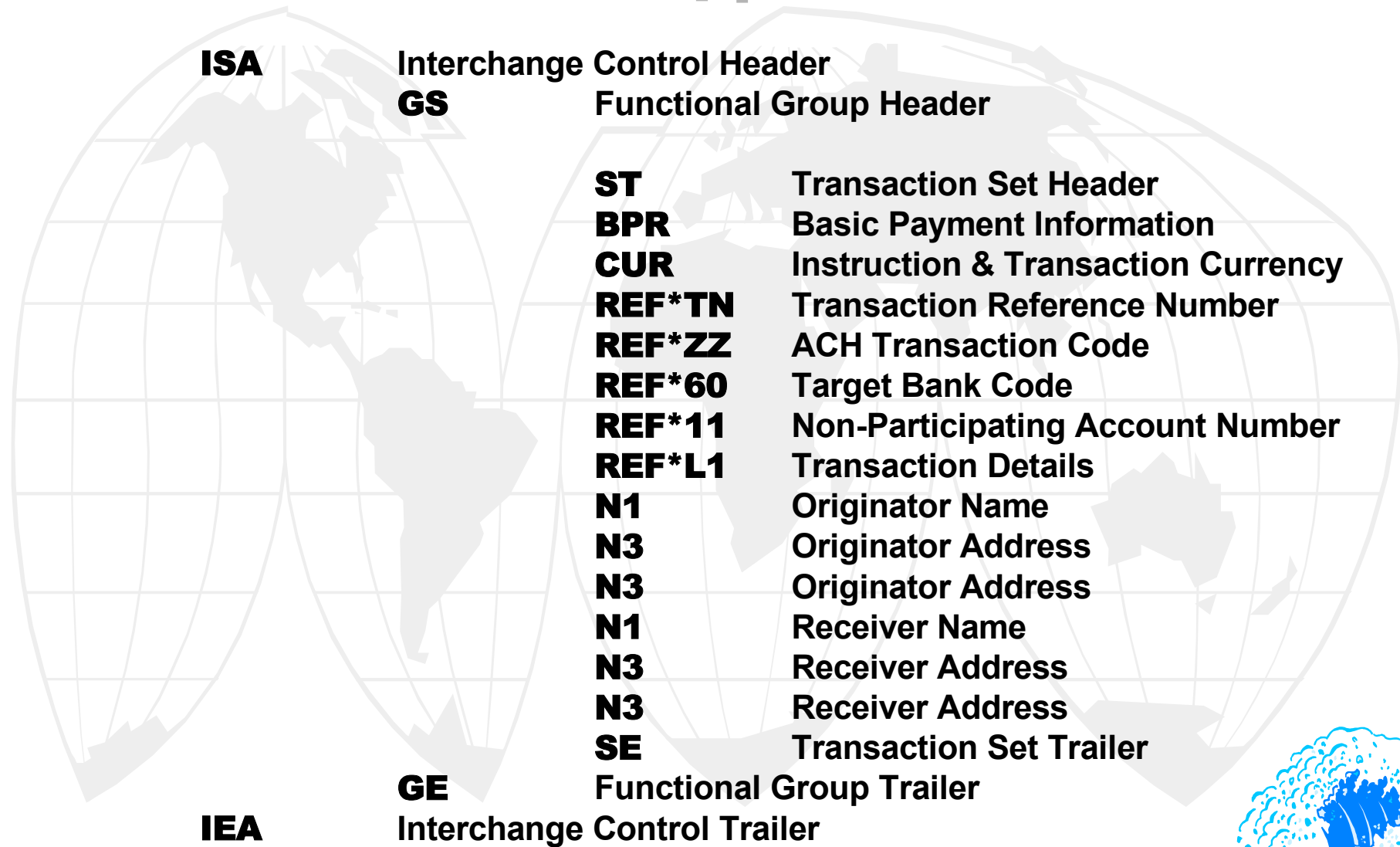
International Mass Payment System/ WorldLink Solution Process



IMPS / WL File



International ACH Mapping Specifications



ISA	Interchange Control Header
GS	Functional Group Header
ST	Transaction Set Header
BPR	Basic Payment Information
CUR	Instruction & Transaction Currency
REF*TN	Transaction Reference Number
REF*ZZ	ACH Transaction Code
REF*60	Target Bank Code
REF*11	Non-Participating Account Number
REF*L1	Transaction Details
N1	Originator Name
N3	Originator Address
N3	Originator Address
N1	Receiver Name
N3	Receiver Address
N3	Receiver Address
SE	Transaction Set Trailer
GE	Functional Group Trailer
IEA	Interchange Control Trailer

Country Validation Rules

These Country specific rules only apply to ACH transactions.
For each Country the following transaction data fields are dealt with:

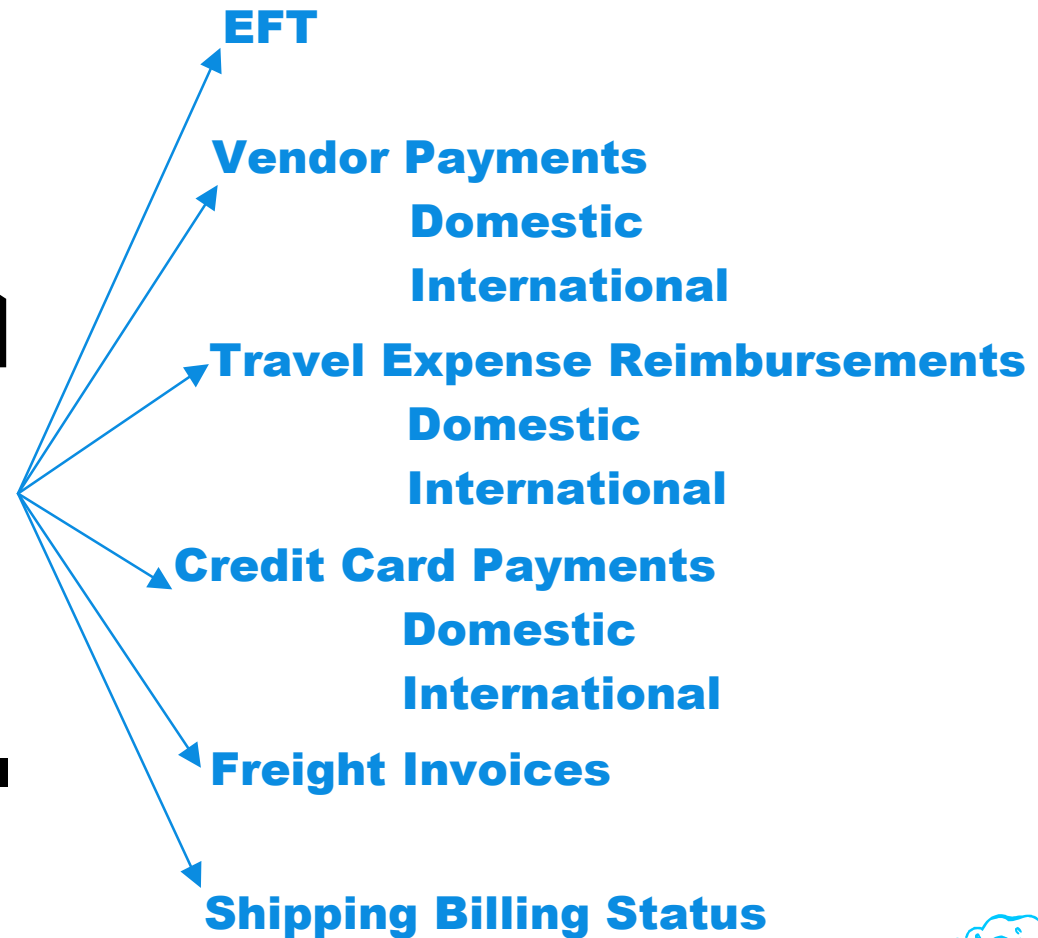
- Target Bank Code
- Target Account
- ACH Transaction Code
- Transaction Reference
- Transaction Details
- Target Name
- Target Address
- Intermediary Bank Code
- Intermediary Bank Address
- Account with Bank Address

Target Bank Code (Ref02 '60') Example

Field Length: United Kingdom	6 characters
Format Structure: Fixed Field. Referred to as a bank	Numeric
Comments: ' Sort Code '	
Field Length: GERMANY	8 characters
Format Structure:	Numeric, right justified with leading zeros (BI Z)
Comments: Referred to as Bankeitzahl code	



Financial EC Applications



Financial EDI Benefits

△ Reduce Time

- ✦ Improve the speed and thoroughness of information using electronic documentation, eliminating the time and data entry associated with paper.

△ Reduce Cost

- ✦ Enhances data consistency by linking databases, dramatically reducing paperwork and errors through the integration of data.

△ Improve Quality

- ✦ Improves the flow and management of business information by eliminating labor-intensive processes and duplication of data entry.

△ Reduces Administrative Costs

- ✦ Reduction of Delinquency Notifications to Employees and Management
- ✦ Automated Submission, Approval and Audit of Expense Reports

△ Timely Reporting

- ✦ Information available to support Travel Accounting Contract negotiations
- ✦ Control of Payment Information Process via Application Advice

△ Convenient Method of Payment

- ✦ Good Customer Service
- ✦ Ability to keep Credit in good standing with Corporate Bank

△ Cash Management

- ✦ Avoidance of Late Fees
- ✦ Enhanced cash management and cash forecasting
- ✦ Protect Corporate Rebate Programs