

Why Migrate from EMS to BMS

Presentation Topics

- EMS History
- Evolution to BMS
- Migration Drivers
- Recap & Summary

EMS History

- EMS – Vintage 1994-2002
 - **E**stimate **M**anagement **S**tandard
 - EMS was originally developed as an **E**stimating system to **M**anagement system **S**tandard

EMS History

- EMS – Versions
 - 1994 – Version 1.0
 - 1997 – Version 1.1
 - 1998 – Version 2.0
 - 1999 – Version 2.01
 - 2001 – Version 2.5
 - 2002 – Version 2.6

History: New EMS

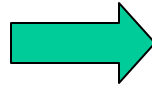
- EMS – 3.0
 - In 2003, Version 3.0 was conceived as a total replacement of the EMS dBase files and the EDI transactions (e.g. 124, 272, etc.)
 - Not a straight conversion but a **redesign**
 - A straight conversion causes a lot of work for developers with no new functionality/benefit
 - One Standard for small and large systems/businesses
 - New “EMS” to be developed using XML technology.

EMS Evolution to BMS

(First Release 2004R1)

- **EMS** (Estimating to Management System)

- Assignment
- Reassignment
- Estimates
- Supplements
- Images



- **BMS (Business Message Specification)**


- Common Elements & Aggregates
- Assignment Services
- Estimate Services
- Attachment (Images) Services

- **EDI**

- 124 – Estimate
- 272 – Assignment
- 841 - Images

EMS Evolution to BMS

(Release 2007R2)

- EMS (Estimating to Management System)
 - Assignment
 - Reassignment
 - Estimates
 - Supplements
 - EDI
 - 124 – Estimate
 - 272 – Assignment
 - 841 – Imaging
 - 811 – Glass Invoice
 - Etc.
 - New Requirements
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- BMS (Business Message Specification)
 - Common Elements & Aggregates
 - Assignment Services
 - Estimate Services (with PDR)
 - Attachment (Imaging, etc) Services
 - Glass Services
 - Rental Services
 - Salvage Services
 - Procurement Services
 - Status Services
 - Authorization Services
 - Invoice, Statement, and Remittance Services
 - Location Services

Migration Drivers

- Business Drivers
- Technical Drivers

Migration Drivers

- Business Drivers
 - The EMS is Turn-of-the-Century vintage
 - Much more data is required in today's business environment
 - Greater Data Security/Privacy
 - More efficiencies and greater cost savings
 - Greater vehicle owner satisfaction

Business Drivers

- All 604 EMS data elements are in the BMS
- Profiles (# and tiers): unlimited in BMS vs. fixed in EMS
- PDR data: labor code in EMS; full data aggregate in BMS
- History: Utilized throughout the BMS vs. missing in EMS
- Memos: unlimited in BMS vs. fixed in EMS
- Contact numbers: unlimited in BMS vs. fixed in EMS

Business Drivers

- Structured Damage Lines vs. Straight List
 - Sub-lines in BMS
- Paint codes: unlimited in BMS vs. 3 in EMS
- Data is tied to a business function with only the data for that function exchanged (94 separate messages)
- Request/Response: EMS – no; BMS – yes
- Common Aggregate use in BMS
 - Same definition in all messages vs. possible differences between EMS and EDI transactions

Business Drivers

Data In BMS and not in EMS

- Part Certification Information
- PDR Information
- History of Profiles, Damage Lines, totals etc
- Storage Information
- Status Information

Migration Drivers

- Technical Drivers
 - Data represented in XML is not tied to any specific platform, language, or system.
 - XML is the language of the Internet
 - Standard, off-the-shelf security programs can be utilized.
 - Moving to new BMS versions is transparent and is not a major effort.
 - Backward and forward compatibility

Migration Drivers: Summary

- The EMS is very limited in the data that is exchanged.
 - Today's environment requires more data than contained in the EMS
- BMS is more robust within:
 - Assignments
 - Estimates
 - Attachments (Images, pdfs, WORD, etc)

Migration Drivers: Summary

- BMS addresses new business requirements for data exchange
- Today's data exchange requirements cause shops to manually enter data (that is not in the EMS) into different systems
- Manually entered data = Extra Cost to everyone
- Manual Entry
 - Status Reporting
 - Car Rental
 - Glass
 - Parts & Materials Procurement

Migration Drivers: Summary

- Implementing the new BMS will make everyone more efficient and will save the industry money

BMS (Release 2007R2)

- **BMS (Business Message Specification)**
 - **Common Elements & Aggregates**
 - **Assignment Services (18 messages)**
 - **Estimate Services (with PDR) (4 messages)**
 - **Attachment (Imaging, etc) Services (2 messages)**
 - **Glass Services (4 messages)**
 - **Rental Services (4 messages)**
 - **Salvage Services (10 messages)**
 - **Procurement Services (16 messages)**
 - **Status Services (10 messages)**
 - **Authorization Services (6 messages)**
 - **Invoice, Statement, and Remittance Services (8 messages)**
 - **Location Services (4 messages)**

Conclusion: The CIECA BMS

- Single Standard to exchange business messages and data across multiple organizations and networks
- Extensible and designed for future growth
- Provides data security/privacy for today's business environment
- Transmit only the data required for the business function
- Saves everyone time and money

Thank You
&
Review CIECA's other
course selections