ATA iSpec 2200

The Lifecycle of the Spec

Presented by:

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ATA iSpec 2200

• What is ATA iSpec 2200?
• What are its Objectives?
• Structured Data Model
• Inside Look : Table Model
• Lifecycle of the Spec
• History of the Deliverables
• What Changed?
• Past and Current Trends
• Future Trends
What is ATA iSpec 2200?

• Suite of data specifications
  - Maintenance requirements
  - Maintenance procedures
  - Configuration control

• Developed by A4A (formerly ATA)
What is ATA iSpec 2200?

Includes:

- AIPC
- AMM
- FIM/FRM
- WDM
- MSG3
- EIPC
- CMM
- SRM
- MPD
- etc...
What are its objectives?

• Minimize costs
• Improve quality and timeliness
• Provide a standardized means of data exchange
To: Travis C.
From: Jan K.

Reminder

Don’t forget me this weekend!
# Inside Look: Table Model

<table>
<thead>
<tr>
<th>ITEM</th>
<th>TECHNICAL DATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions</td>
<td>Ref. Figure 3</td>
</tr>
<tr>
<td>Weight excluding LRUs</td>
<td>90.0 kg (198.5 lbs)</td>
</tr>
<tr>
<td>Max. Payload Weight</td>
<td>225.0 kg (496.1 lbs) maximum</td>
</tr>
<tr>
<td>Power Use</td>
<td>(based on LRU configuration)</td>
</tr>
<tr>
<td>Power Requirement</td>
<td>(based on LRU configuration)</td>
</tr>
</tbody>
</table>
ATA iSpec 2200

Lifecycle of the Spec

**Introduction**
- ATA 100
  - Est 1956
  - Paper-based

**Growth**
- ATA 100
  - Introduces digital data appendix
- ATA 2100
  - Focuses on data exchange (SGML)

**Maturity**
- ATA 2200
  - Consolidates ATA 100 & 2100
  - (no longer maintained)
  - Includes DTDs

**Decline**
History of the Deliverables

- **ATA 100**
  - Est 1956
  - Paper-based

- **ATA 100**
  - Introduces digital data appendix

- **ATA 2100**
  - Focuses on data exchange (SGML)

- **ATA 2200**
  - Consolidates ATA 100 & 2100 (no longer maintained)
  - Includes DTDs

- **1990**: Paper, Microfiche, Film
- **1995**: Paper, Microfiche, PDF
- **2000**: PDF
- **2005**: PDF, IETM Web
- **2010**: PDF, IETM Web
- **2015**: IETM Web, ???

ATA iSpec 2200 Lifecycle
What Changed?

• The internet boom

• Platform advancements
  - Processing power
  - Laptops, tablets, etc…

• Demand

• XML technologies
XML Technologies

ATA iSpec 2200 Trends
Industry Trend

• Deviation from the spec
• Loss of data exchange
• Emergence of S1000d
• Major software developers
  - Importing legacy data
  - Converting to XML
  - Outputting multiple formats
Future Trends

• New model A/C in S1000d spec
• Maintaining legacy data with in-house developed systems