



*“We Help  
Put America  
Through  
School”*

# **EAI Integration Monthly Meeting**

**January 10, 2002**



# EAI Integration Monthly Meeting Schedule

Date	Location	Time
December 6, 2001	Room 221 B	10:00-11:00
January 10, 2002*	Room 221 A	10:00-11:00
February 7, 2002	Room 221 A	10:00-11:00
March 7, 2002	Room 221 A	10:00-11:00
April 4, 2002	Room 221 A	10:00-11:00
May 2, 2002	Room 221 A	10:00-11:00
June 6, 2002	Room 221 A	10:00-11:00
July 11, 2002*	Room 221 A	10:00-11:00
August 1, 2002	Room 221 A	10:00-11:00
September 5, 2002	Room 221 A	10:00-11:00

Completed

Upcoming

\*These meetings will be held on the second Thursday of the month due to holidays.

# Agenda



## EAI Core Support Services

Interface Requirements

Status

Appendix A: How to get “On the Bus”

Appendix B: EAI Architecture Diagrams

# Services provided to Application teams by EAI Core Support are comprehensive. They include:



## EAI Core Services Support

Business Integration Design	Architecture Design	System Installation/ Admin	Interface Development	Performance Testing	Operations Support and Maintenance
<ul style="list-style-type: none"> <li>• How can applications integrate with the Enterprise Solution?</li> <li>• What are Application/ Trading Partner business needs?</li> <li>• If data transformation is necessary, what are Application/ Trading Partner data specifications?</li> </ul>	<ul style="list-style-type: none"> <li>• Determine application needs: Online &amp;/or Batch</li> <li>• Assess application needs</li> <li>• Propose EAI Solution</li> </ul>	<ul style="list-style-type: none"> <li>• Install EAI Products</li> <li>• Configure EAI Products</li> <li>• Administer EAI products</li> </ul>	<ul style="list-style-type: none"> <li>• Install MQ SW</li> <li>• Configure MQ SW &amp; Verify</li> <li>• Build Application Interfaces with or without application team assistance</li> <li>• SME support during application testing</li> </ul>	<ul style="list-style-type: none"> <li>• Measure message response time</li> <li>• Analyze Data Throughput rates</li> </ul>	<ul style="list-style-type: none"> <li>• EAI SME Support</li> <li>• EAI Architecture Upgrades /Patches</li> </ul>



# EAI Key Points of Contact:

System/Initiative	EAI Lead
<ul style="list-style-type: none"> <li>▪ eServicing</li> <li>▪ DMCS Replacement</li> <li>▪ CSID &amp; PEPS Replacement,</li> <li>▪ Financial Partners Data Mart</li> <li>▪ FARS Retirement</li> <li>▪ Enterprise Data Warehouse</li> <li>▪ NSLDS Re-engineering</li> </ul>	<p><b>Eric Suzuki</b>  <a href="mailto:Eric.N.Suzuki@accenture.com">Eric.N.Suzuki@accenture.com</a>            (202) 962-0743</p>
<ul style="list-style-type: none"> <li>▪ e-Campus Based</li> <li>▪ FAFSA on the Web</li> <li>▪ SFA Portal</li> <li>▪ Single Sign On &amp; Security</li> </ul>	<p><b>Julian Ackert</b>  <a href="mailto:Julian.Ackert@accenture.com">Julian.Ackert@accenture.com</a>            (202) 962-0734</p>
<ul style="list-style-type: none"> <li>▪ Consistent Answers</li> <li>▪ Business Integration</li> </ul>	<p><b>Bruce Kingsley</b>  <a href="mailto:Bruce.Kingsley@accenture.com">Bruce.Kingsley@accenture.com</a>            (202) 962-0793</p>
<ul style="list-style-type: none"> <li>▪ FMS</li> </ul>	<p><b>Lauren Brett</b>  <a href="mailto:lgbrett@rsgltd.com">lgbrett@rsgltd.com</a>            (202) 962-0733</p>
<ul style="list-style-type: none"> <li>▪ LO Web</li> </ul>	<p><b>Barnet Malkin</b>  <a href="mailto:barnet@bitSMART.com">barnet@bitSMART.com</a>            (202) 962-0645</p>
<ul style="list-style-type: none"> <li>▪ COD</li> </ul>	<p><b>Scott Gray</b>  <a href="mailto:sgray@rsgltd.com">sgray@rsgltd.com</a>            (202) 962-0795</p>

# Agenda



EAI Core Support Services

**Interface Requirements**

Status

Appendix A: How to get “On the Bus”

Appendix B: EAI Architecture Diagrams



# Interface Requirements\*

	<b>System / Initiative</b>	<b>CPS</b>	<b>DLSS</b>	<b>DMCS</b>	<b>eMPN</b>	<b>FMS</b>	<b>NSLDS</b>	<b>PEPS</b>	<b>SAIG</b>	<b>TSYS</b>
1	Common Orig and Disb (COD)	3/18/02 BT	3/18/02 BT	-	3/18/02 Tran	3/18/02 Tran	3/18/02 BT	3/18/02 BT	3/18/02 BT	3/18/02 Tran, BT
2	E Campus Based (eCB)	-	-	-	-	3/18/02 BT	-	1/21 BT	-	6/1/02 BT
3	DMCS Replacement	-	12/02 BT?	-	-	-	12/02 Tran	?	-	12/02 Tran?
4	Consistent Answers	7/1/02 Tran	7/1/02 Tran	7/1/02 Tran	-	-	7/1/02 Tran	7/1/02 Tran	-	7/1/02 Tran
5	FAFSA on the Web	TBD Tran	-	-	-	-	-	-	-	-
6	Fin Partners Data Mart R2	-	-	-	-	TBD BT	TBD BT	TBD BT	-	-
7	FARS Retirement	-	1/16/02 BT	-	-	1/16/02 BT	-	-	-	-
8	Financial Mgt System (FMS)									3/18/02 Tran
9	LO Web	-	-	-		-	-	-	-	3/18/02 Tran
10	SFA Portal									
11	Single Sign On & Security									
12	Enterprise Data Warehouse									

\* The Interface Requirements table is work in progress. Please contact Bruce Kingsley with input.

**Legend**  
 BT: Bulk Data Transfer  
 Tran: Transactional Interface

# Agenda



EAI Core Support Services

Interface Requirements

**Status**

Appendix A: How to get “On the Bus”

Appendix B: EAI Architecture Diagrams

# FMS, eCB, PEPS Status



Application	Status
FMS	<ul style="list-style-type: none"><li>▪ Completed development and unit-testing of the COD-FMS interface.</li><li>▪ Developed COD-FMS Assembly Test Plan.</li><li>▪ Continued to develop the FMS utcl file load into transition Oracle table.</li></ul>
eCB	<ul style="list-style-type: none"><li>▪ Finalized the decision for the eCB/PEPS interface release.</li></ul>
PEPS	<ul style="list-style-type: none"><li>▪ Restored the “PEPS Test” server.</li><li>▪ Continued to develop deployment plan for eCB/PEPS interface release.</li><li>▪ Assisted eCB with the eCB/PEPS interface testing effort.</li><li>▪ Implementing Production Interface.</li><li>▪ Test Production Interface 1/15.</li></ul>

# Major Issues



Issue	Status
<p>MQSeries was not stable on the DLSS Open VMS machines. ACS shut it down in production because it was interfering with operations.</p>	<p>Additional physical memory has been installed.</p> <p>Testing has verified MQ Operation.</p> <p>Working to improve performance of File Creation.</p> <p>Stability testing to follow.</p>

# Next Meeting



# February 7, 2002

# Agenda



EAI Core Support Services

Interface Requirements

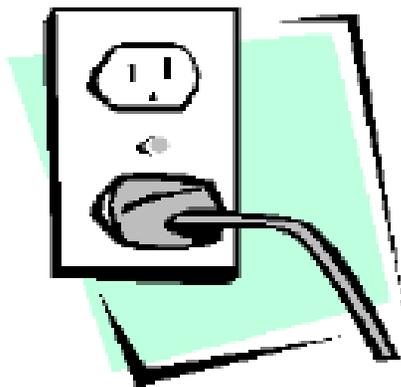
Status

**Appendix A: How to get “On the Bus”**

Appendix B: EAI Architecture Diagrams



## Building an EAI Interface



- **EAI provides services to application teams.**
- **The EAI Core Team implements the EAI products on the target system platforms and validates the ability to process system functionality.**
- **Application development teams plug into these services and develop application interfaces.**

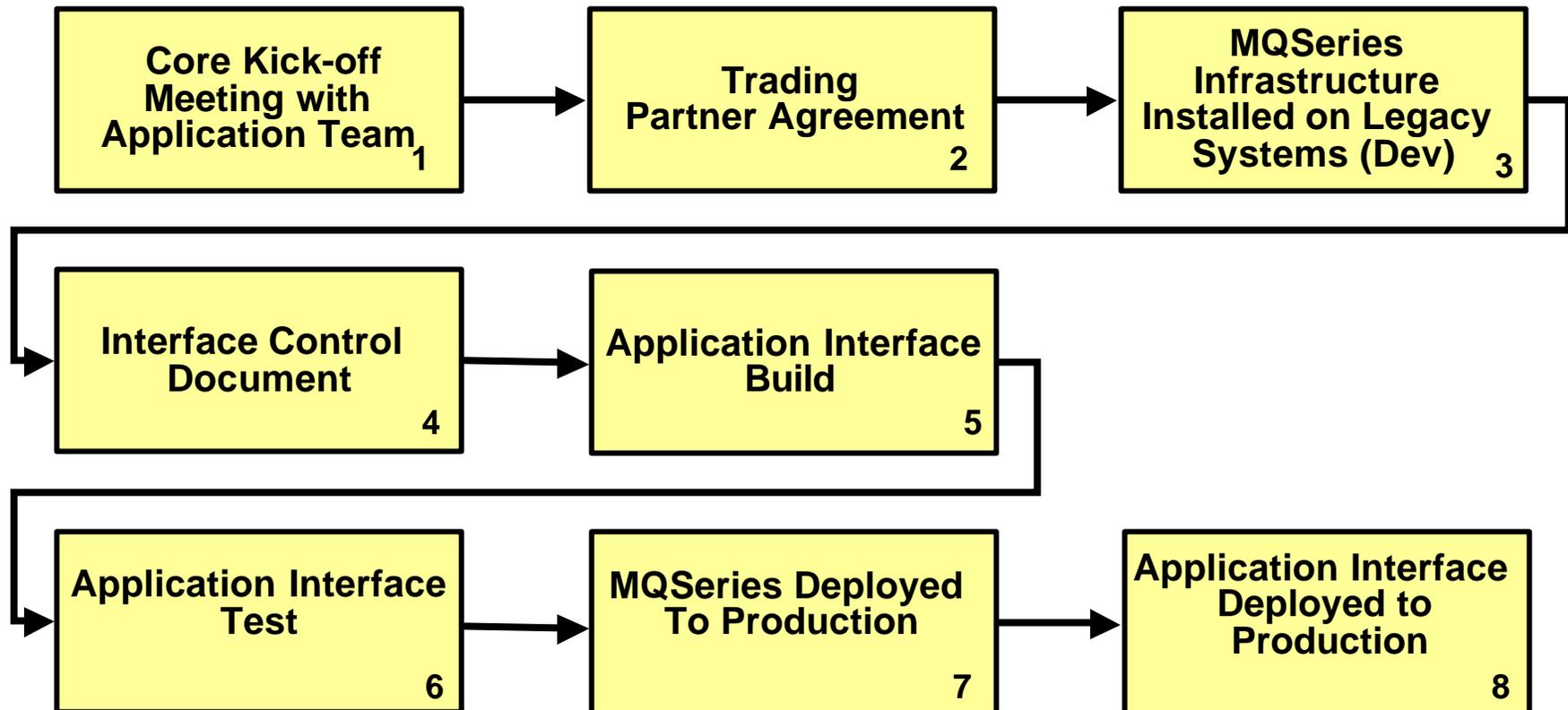


# Building an EAI Interface Is a Joint Effort

<i>Task</i>	<i>EAI Team Responsibility</i>	<i>Application Team Responsibility</i>
Identify target machine	Support	Primary
Assess Target Machine (HW Capacity, OS Versions, etc.)	Primary	Primary
Install MQ Software (MQ Series, Data Integrator, MQMon)	Primary	Support
Configure MQ Software and Verify (May include building an interface for test purposes)	Primary	Support
Identify Application Interface Functions (Define functional requirements, formats, layouts, Prepare Interface Control Document)	Support	Primary
Build Application Interfaces	Support	Primary
Test Interfaces	Support	Primary
Migrate Into Production	Primary for Infrastructure	Primary for Application Interface



# Steps to implement Interfaces.



# Agenda



EAI Core Support Services

Interface Requirements

Status

Appendix A: How to get “On the Bus”

**Appendix B: EAI Architecture Diagrams\***

\*EAI Architecture Diagrams from this presentation were included in the EAI Release 3.0 Services Report—FY02 Q1.