NCHELP Update

Common Record for FFELP & Alternative Loans

Meteor

The High Performance Channel

The Common Record for FFELP & Alternative Loans

Convergence and Collaboration

The Common Record for FFELP & Alternative Loans

- *CommonLine Converging and Aligning with the Common Record*
  - *COD standards with the flexibility of FFELP*
  - *Supports all functionality available in CommonLine Release 5*

The Common Record for FFELP & Alternative Loans

- **Designed to meet the needs of**
  - *Schools*
  - *SIS Vendors*

The Common Record for FFELP & Alternative Loans

Progress Report

- *November 11, 2002*
  - *Detailed presentation of proposal to schools, SIS vendors and service providers*

The Common Record for FFELP & Alternative Loans

Progress Report

- *Collaboration continues to move us forward!*
  - *Schools, The College Board, Datatel, SCT Corp., and Sigma Systems have all indicated their support of the ESC proposal*

The Common Record for FFELP & Alternative Loans

Progress Report

- *Documentation development has begun!*
  - *First draft for public review – April 2003*
  - *Final documentation due – July 2003*

Reengineering Proposal

- *Streamlining the Application and Disbursement Processes*
  - *All records sent in a single file*
  - *Pre and Post guaranty changes can now be sent together*
  - *Routing is at the record level*

Reengineering Proposal

- *Streamlining the Application and Disbursement Processes*

- *Moving from Transaction Based to End Result Based Changes*

- *Support of Real Time Functionality in an XML Based Record*

Proposed Implementation Schedule

- *4/1/2003 – First draft of documentation*
- *7/1/2003 – Final documentation completed*
- *12/1/2003 – Testing begins*
- *4/1/2004 – Implementation begins*

Meteor

Meteorize your information!

What is Meteor

- *Meteor is a collaborative effort within the student aid industry to simplify and consolidate access to student financial aid information. Sponsored by over forty industry participants, and coordinated by the National Council of Higher Education Loan Programs, Meteor software provides open, non-proprietary, real time access to all available aid information for a student, and consolidates it for display to students and Financial Aid Professionals.*

Meteor's Foundation Principles

- *Open Source*

- *Open Collaboration*

- *Freely Available*

- *Controlled Participation Network*

How does Meteor Work?

***Meteor uses the concepts of** Access Providers **and** Data Providers.*

- ***A Meteor** Access Provider **allows inquirers to obtain information through its web site by hosting a copy of the Meteor software, which generates the request to the Data Providers for the borrower's information. Access providers can be Schools, Guarantors, Lenders, Servicers, or Secondary Markets.***

How does Meteor Work?

- *A Meteor Data Provider hosts a copy of the Meteor software that enables them to respond to the Access Provider's request for information, supplying data from their system. Data Providers are typically Lenders, Servicers, Guarantors, and Secondary Markets. In the future, the Dept. of ED, State Grant authorities, Schools, and others could become Data Providers.*

Simplified Meteor Process

Access
Providers

Data Providers

Financial Aid
Professional/
Student

One

Two

Three

Index
Providers
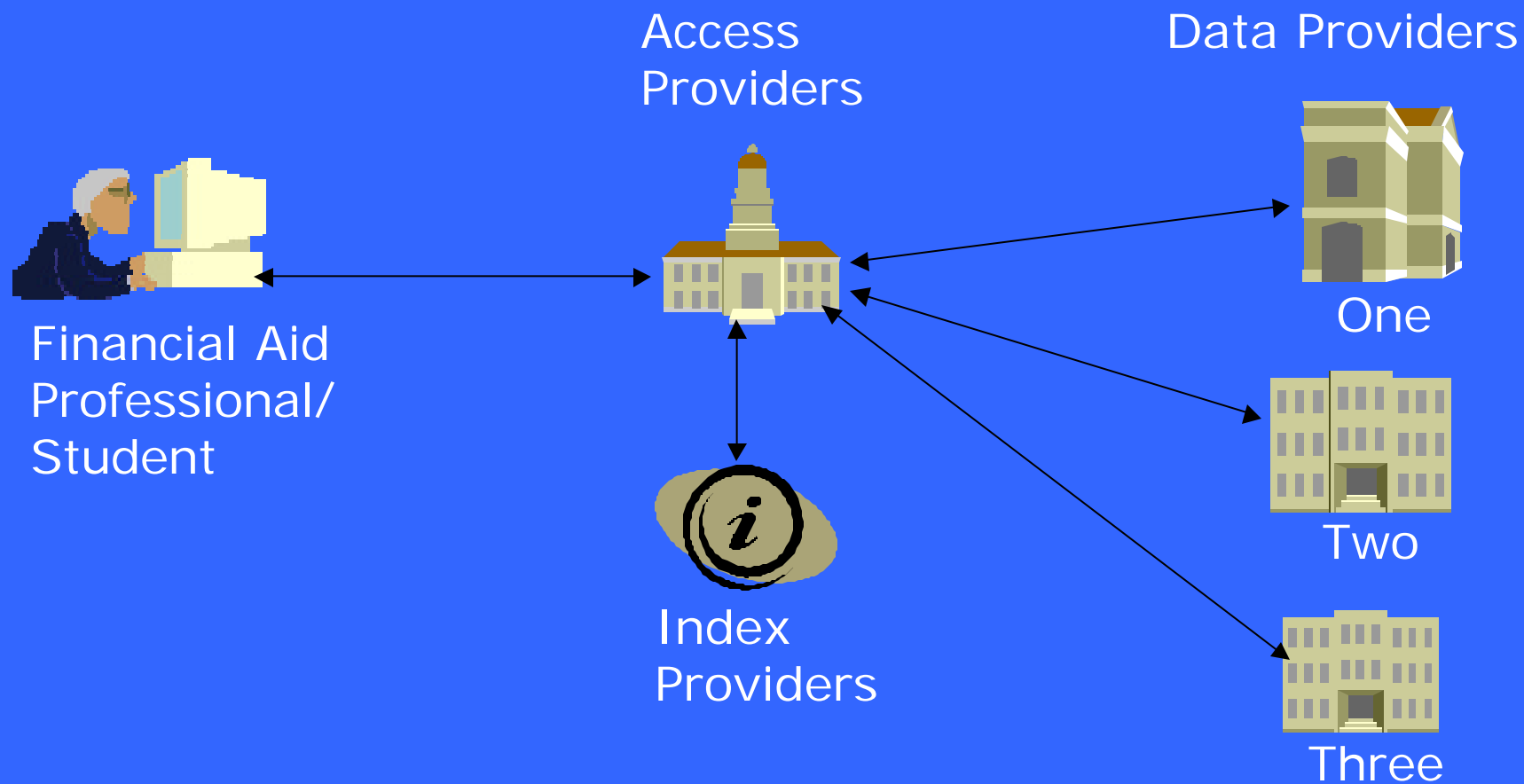
Meteor Architecture
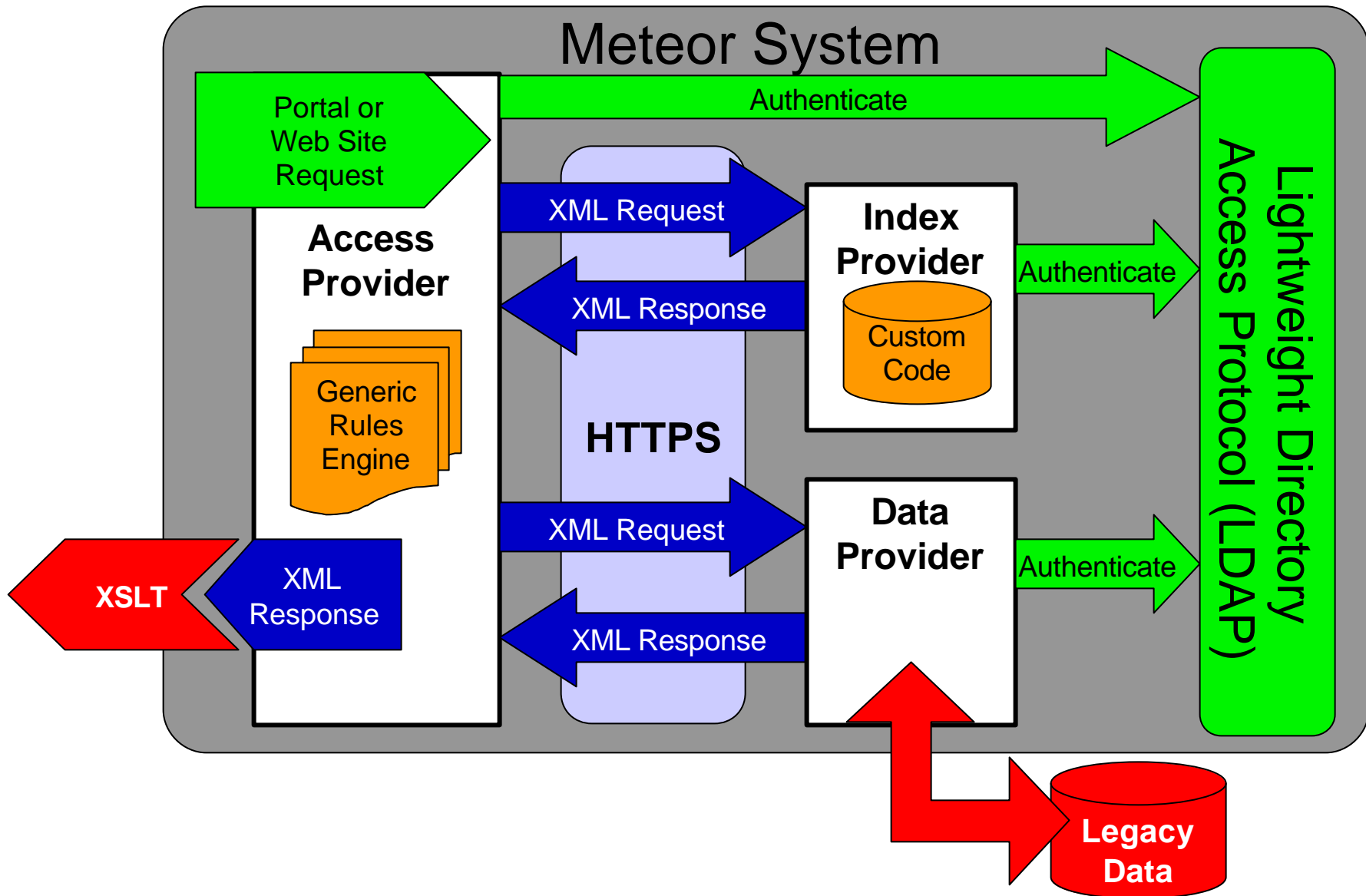
Standards and Their Implementation

	FSA	METEOR
Announced	UML	X
(Feb 2000)	XML	X
	JAVA	X
Expected	SOAP	X
	UDDI	Planned
	SAML	X

Authentication

- *No central authentication process*
- *Utilizes transitive trust model*
- *Each Access Provider uses their existing authentication model (single sign-on)*
- *Level of trust assigned at registration*

Production Statistics

After six months of being in production…

- *Loan guarantee volume currently in production: 60.3%*

- *Organizations currently testing will bring us to 63.7%*

- *Organizations currently in development will bring us to 69.7%*

The High Performance Channel

Open source transmission standards

The High Performance Channel

- *Collection of Software Components*
- *Provides*
  - *Secure*
  - *Efficient*
  - *Open Methodology*
- *Supports Real-Time Processing*

The High Performance Channel

- **Transmits Data over HTTPS**
  - *Simple Object Access Protocol (SOAP)*
  - *Server-side and Client-side Software Components*
- **Real-Time Internet Based Processing**
- **Available Under the GPL**

The High Performance Channel & Meteor

- *Meteor Utilizes the HPC Software for B2B Messaging*
  - *Meteor – Data Aggregation*
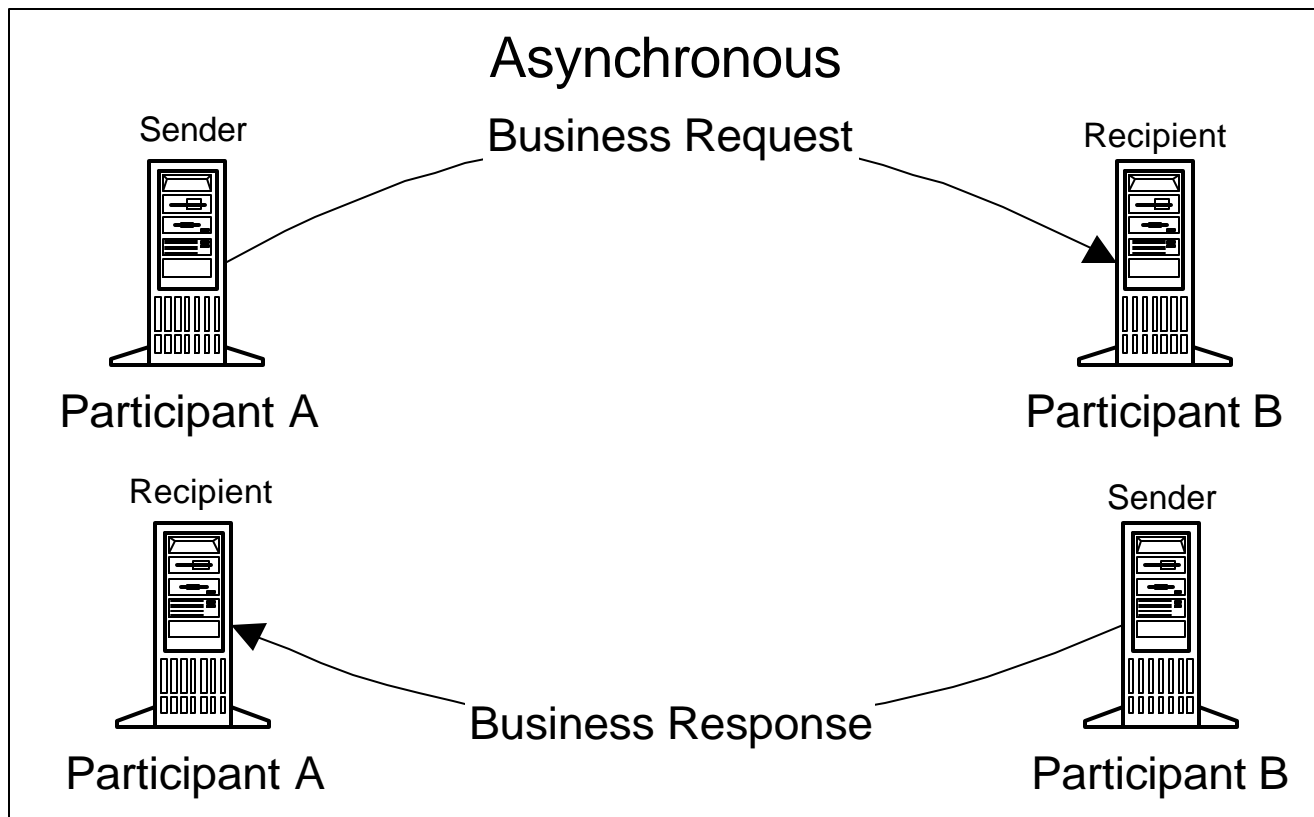 - *HPC – Data Exchange*

Data Exchange Model

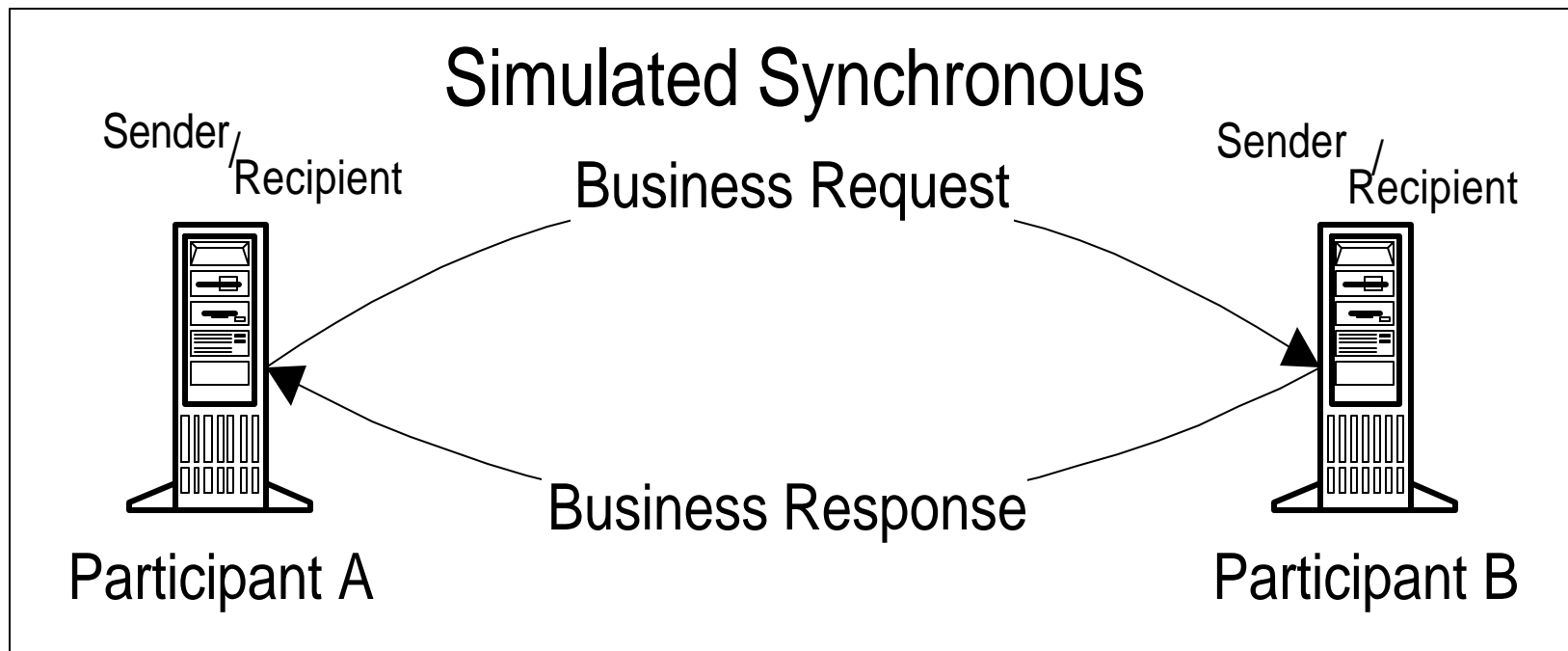- *Fast and Secure Connection*
- *Designed to be Automated*

Transmission Cycle Example

- **Two Distinct Exchanges**
  - *Business Request*
  - *Business Response*

Transmission Cycle Example

Asynchronous

Sender

Business Request

Recipient

Participant A

Participant B

Recipient

Sender

Business Response

Participant A

Participant B

Transmission Cycle Example

Simulated Synchronous

Sender/Recipient

Business Request

Sender/Recipient

Business Response

Participant A

Participant B

Summary

- *Based on Open Technical Standards*
- *Compliant with ED Technical Standards*
- *Deployable on Many Hardware Platforms*

Contact Information

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