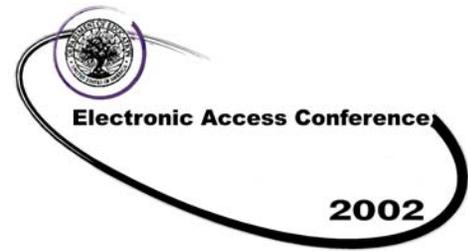

meteor



Session #43

METEOR

Russ Judd, Great Lakes
Adele Marsh, AES
Tim Cameron, NCHELP

Electronic Access Conference
December 3-6, 2002

What is Meteor?

- Web-based universal access channel for financial aid information
- Aggregated information to assist the FAP with counseling borrowers and with the aid process in general
- Collaborative effort
- A gift to schools and borrowers

How does Meteor Work?

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

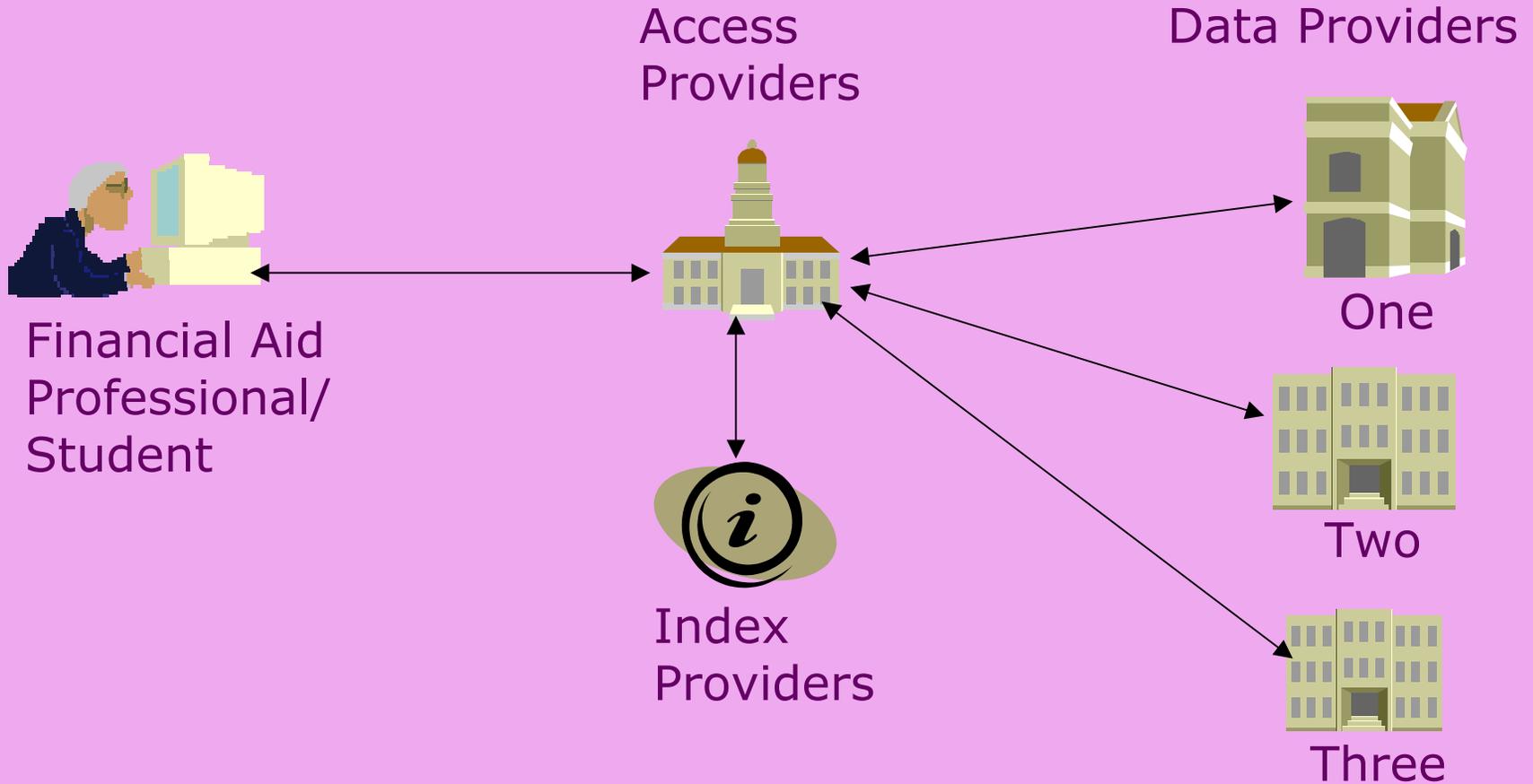
- A Meteor **Access Provider** allows inquirers to obtain information through its web site by hosting a copy of the Meteor software, which generates the request to the Data Providers for the borrower's information.
- **Access providers can be Schools, Guarantors, Lenders, Servicers, or Secondary Markets.**

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.

The Meteor Process

2002





Meteor Implementation Phases

- Current Phase
 - Multiple data providers
 - Multiple access providers
 - Loan Summary & Detail Information
 - Financial aid professional (school) access



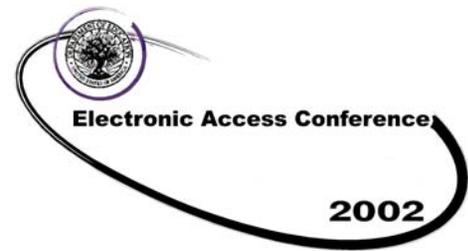
Meteor Implementation Phases

- Next phase
 - Financial aid professional **and student/borrower access**



The Current State of Meteor Affairs

- Current phase public code released August 30, 2002
- Early adopter implementation begins at public release through the end of 2002
- Threat Analysis



Early Adopters

- AES
- Connecticut Student Loan Foundation - GA
- Connecticut Student Loan Foundation - Lender
- EAC – South Dakota
- Florida Dept. of Education, OSFA
- Georgia Higher Education Assistance Corporation
- Great Lakes Higher Education Corporation
- Illinois Student Assistance Commission
- KHEAA
- NELA
- National Student Loan Program
- New Hampshire Higher Education
- Sallie Mae
- Student Loans of North Dakota
- Student Loan Guarantee Foundation of Arkansas
- Texas Guaranteed
- USAFunds



Meteor's Foundation Principles

- Open Source
- Open Collaboration
- Freely Available
- Controlled Participation Network

Meteor Standards

- Business messaging using XML
 - Collaboration with the PESC XML Forum for Education
 - Based on IFX Standards
 - Consistent with the Department of Education's Common Record and the current NCHELP CommonLine re-engineering XML initiative

Standards and their implementation

	SFA	Meteor
Announced [Feb 2000]	UML XML Java	✓ ✓ ✓
Expected	SOAP UDDI SAML	✓ Planned ✓

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
 - Level 0 (Unique ID)
 - Level 1 (Unique ID & 1 piece of public data)
 - Level 2 (Unique ID & 2 pieces of public data)
 - Level 3 (Unique/User ID & shared secret)

Meteor is Leading Edge

- In the world of web services applications, Meteor is leading the way

Meteor is Leading Edge

- Meteor's open-source web service architecture can be the example for student aid services, as well as other education applications, and even growing into broader IT considerations

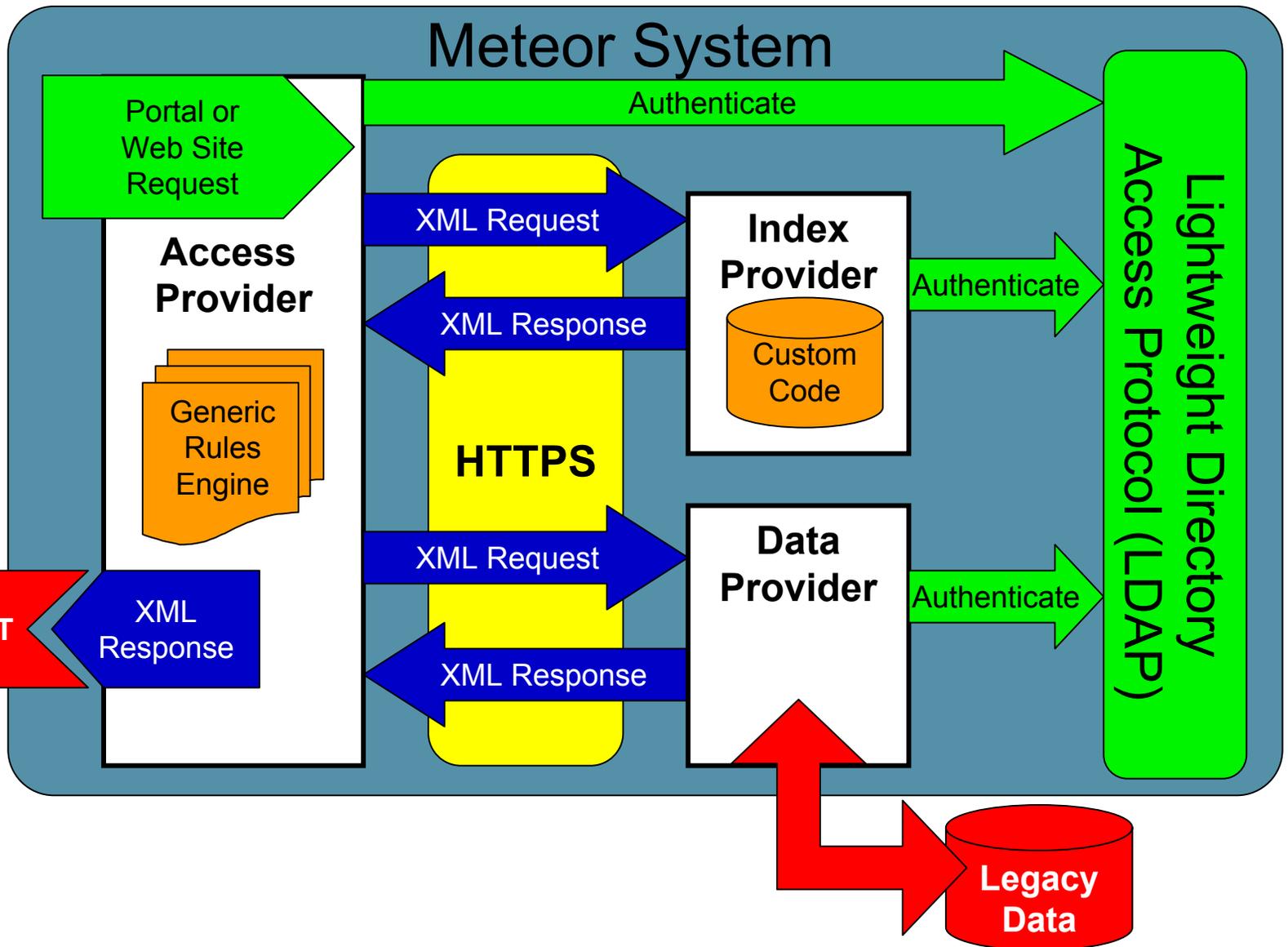
“ Using common industry standards based on XML, our goal is to enable seamless sharing of information across many platforms and programming languages and over the Internet with XML web services.”

Microsoft 2002 Annual Report

Meteor Architecture

- Meteor employs a “web services” architecture
 - No central data repository
 - Peer-to-peer communications
- Seamless aggregation of information for users

Meteor Architecture



Architectural Benefits

- Foundation for continued growth in collaborative student aid services
- Flexibility in implementation and deployment
- Low/no cost options for establishing this foundation

Opportunity Knocks

- Meteor implementation should be viewed as an opportunity to enhance customer service
- Customers are demanding more real-time access to information



Meteor Query

Student SSN:

[Click Here](#) to see a list of all current Data Providers.

By submitting this inquiry to the Meteor Network, you are (1) certifying that you are a financial aid professional (or are acting on behalf of a financial aid professional) with authority from your institution to view information on the Meteor Network, and that the information you access relates only to a student applicant, a current student, or a former student of the educational institution on whose behalf you are working; (2) acknowledging that the information displayed to you relates to student loans provided by participant(s) in the Meteor Network that is associated with the social security number you provided; and (3) acknowledging that other student loans may exist which are held by other entities and that timeliness and accuracy of the information is the responsibility of the individual data provider. Use of the Meteor Network in violation of any of the certifications constitutes misrepresentation and will be considered a fraudulent act.



Data Provider List

Data Provider List

- Connecticut Student Loan Foundation
- Great Lakes Higher Education Guaranty Corporation
- Texas Guaranteed Student Loan Corporation
- Student Loans of North Dakota



Award Summary

Student Name: Terry H. SwissCheese • 315-15-0315

[Award Summary](#) | [Default Details](#) | [Enter New SSN](#)

[Help](#)

Total Guaranteed Amount:	\$4,949.00
Total Repaid Principal:	\$3,654.01
Total Capitalized Interest:	\$2,745.90

Award Information

#	Borrower's Name	Loan Status	Award Type	Award Amount	Begin Date	End Date	School	Lender	Servicer	Guarantor
1	<u>Terry H SwissCheese</u>	RP	FFELPLUS	\$4,949.00	1988-08-20	1989-05-21	Learning For You	Lending For You	Servicing For You	Little GA *
Total				\$4,949.00						

* Denotes source of data.

If you require additional information regarding the loan that you are viewing, please contact the source of the data.



Award Details

Student Name: Terry H. SwissCheese • 315-15-0315

[Award Summary](#) | [Award Details](#) | [Disbursements](#) | [Repayment Details](#) | [References](#) | [Default Details](#) | [Enter New SSN](#)

[Help](#)

Borrower Information

Permanent Address: 432 IOU Lane
YouBet, IA 87645-8432

Primary Phone: 501-456-8765
E-mail Address: terry_swisscheese@beoing.com

Address Validated: Yes
Address Validated Date: 1999-10-13

Drivers License: 4354328654
Driver's License State: IL

Award Details

Data Provider Type: Guaranty Agency

CLUID: 7085690000A000315

Graduation Date: 1989-05-20

Award Type: FFELPLUS

Award Amount: \$4,949.00

Repaid Principal: \$3,654.01

Capitalized Interest: \$2,745.90

Award Begin Date: 1988-08-20

Award End Date: 1989-05-21

Grade Level: 4

Award Status: RP

Award Status Date: 1990-11-19

MPN:

E-Signature: No

CommonLine Error:

Guaranteed Date: 1988-07-07



Disbursements

Student Name: Terry H. SwissCheese • 315-15-0315

[Award Summary](#) | [Award Details](#) | [Disbursements](#) | [Repayment Details](#) | [References](#) | [Default Details](#) | [Enter New SSN](#)

[Help](#)

Award Information

Award Type	Award Amount	Begin Date	End Date	School	Lender	Servicer	Guarantor
FFELPLUS	\$4,949.00	1988-08-20	1989-05-21	Learning For You	Lending For You	Servicing For You	Little GA *

Disbursements

Sequence Number: 1
 Scheduled Disbursement Date: 1988-08-08
 Actual Disbursement Date: 1988-08-08
 Net Amount: \$1,920.00
 Status Code: D
 Status Date: 1988-08-09
 Disbursement on Hold:

Sequence Number: 2
 Scheduled Disbursement Date: 1988-12-22
 Actual Disbursement Date: 1988-12-22
 Net Amount: \$1,920.00
 Status Code: D
 Status Date: 1986-12-23
 Disbursement on Hold:

* Denotes source of data.

If you require additional information regarding the loan that you are viewing, please contact the source of the data.



Repayment Details

Student Name: Terry H. SwissCheese • 315-15-0315

[Award Summary](#) | [Award Details](#) | [Disbursements](#) | [Repayment Details](#) | [References](#) | [Default Details](#) | [Enter New SSN](#)

[Help](#)

Award Information

Loan Status	Award Type	Award Amount	Begin Date	End Date	School	Lender	Servicer	Guarantor
RP	FFELPLUS	\$4,949.00	1988-08-20	1989-05-21	Learning For You	Lending For You	Servicing For You	Little GA *

Repayment Details

Account Balance Date: 2002-02-14

Account Balance: \$565.98
Current Interest Rate: 8.000%

Payment Plan:
Next Payment Due: \$145.22

Payment Begin Date: 1989-11-20
Next Payment Due Date: 2002-03-15

Previous Payments

Payment Amount:
\$145.22

Payment Date:
2002-02-13

Send Payments To

Servicing For You (ID: 809547)
501-458-7273
Address: 924 Servicing Way
Salt Lake City, UT 84054

Email: whatdoyouneed@sfy.com
Web: www.servicingforyou@sfy.com



References

Student Name: Terry H. SwissCheese • 315-15-0315

[Award Summary](#) | [Award Details](#) | [Disbursements](#) | [Repayment Details](#) | [References](#) | [Default Details](#) | [Enter New SSN](#)

[Help](#)

References

Uncle Bob T SwissCheese
Primary Phone: 405-209-8753
Address: 5468 HWY 90
Iowa City Hills, IA 43567
Email:



Default Details

Student Name: **Terry H. SwissCheese** • 315-15-0315

[Award Summary](#) | [Default Details](#) | [Enter New SSN](#)

[Help](#)

Default Details

Data Provider	Default	Satis. Payment Arrangements	Default Aversion Requested	Requested Date	Requested Cure	Requested Cure Date	Claim Filed	Claim Filed Date	Claim Paid	Claim Paid Date
Test Guarantor 1	Yes	No	No		No		Yes	1998-12-01	Yes	1999-01-01

Little GA (ID: 606)
 Primary Phone: 501-564-8439
 Address: 34 Andover Court
 Salisaw, OK 75932

Email: guarantees@lga.org
 Web: www.littlega.lga.org



Entity Details

Student Name: Terry H. SwissCheese • 315-15-0315

[Award Summary](#)

[Help](#)

Entity Details

Little GA (ID: 606)
Primary Phone: 501-564-8439
Address: 34 Andover Court
Salisaw, OK 75932

Email: guarantees@lga.org

Web: www.littlega.lga.org

Coming Soon... "Super Screen"



- We need your help...
 - Data from all sources
 - Would it help?
 - What should be there?
 - How would you use it?

Summary

- The past year has been spent in making cutting-edge technology address student loan business objectives
- The Meteor architecture is advanced technology—not only in FFELP, but in all of IT
- This advanced technology provides collateral opportunities to enhance customer service.

Recommendations to the community

- Invest in the these technologies
 - XML as used for e-commerce
 - Java technologies
- Focus on customer behavior and preferences
 - Students and parents (Student Channel)
 - Faculty and Staff (Professional Channel)
- Keep an eye on the industry leaders
 - NCHELP - standards, industry directories
 - JA-SIG - Portal technology, Java and XML



Meteor Ongoing Status

For current status and updates:

- **Meteor Project Info:**
<http://www.nchelp.org/Meteor.htm>



Meteor Sponsors

American Education Services

American Student Assistance

Bank One

Chase Manhattan

College Foundation, Inc. [NC]

College Board/College Credit Education Loan Program

Connecticut Student Loan Foundation

Educational Credit Management Corporation

Education Assistance Corporation

Education Funding Association

Florida Department of Education, OSFA



Meteor Sponsors

Georgia Higher Education Assistance Corporation

Great Lakes Higher Education Guaranty Corporation

GuaranTec, LLP

Higher Education Student Assistance Authority

Illinois Student Assistance Commission

Iowa Student Loan Liquidity Corporation

Kentucky Higher Education Assistance Authority

Key Education Resources

LoanStar Systems, Inc.

Michigan Higher Education Assistance Authority

MOSTARS

Montana Guaranteed Student Loan Program



Meteor Sponsors

National Student Loan Program, Inc.

New Hampshire Higher Education Assistance Foundation

New Mexico Educational Assistance Foundation

New York State Higher Education Services Corporation

NCS Pearson

North Carolina State Education Assistance Authority

Northwest Education Loan Association (NELA)

Oklahoma Guaranteed Student Loan Program

Oregon Student Assistance Commission

Panhandle-Plains Student Loan Center

Rhode Island Higher Education Assistance Authority



Meteor Sponsors

Sallie Mae, Inc.

Southwest Student Services Corporation

Student Loan Finance Association

Student Loan Guarantee Foundation of Arkansas

Student Loans of North Dakota

Texas Guaranteed Student Loan Corporation

United Student Aid Funds

Vermont Student Assistance Corporation



Questions

- If you have additional questions. Please e-mail:

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amarsh@aessuccess.org