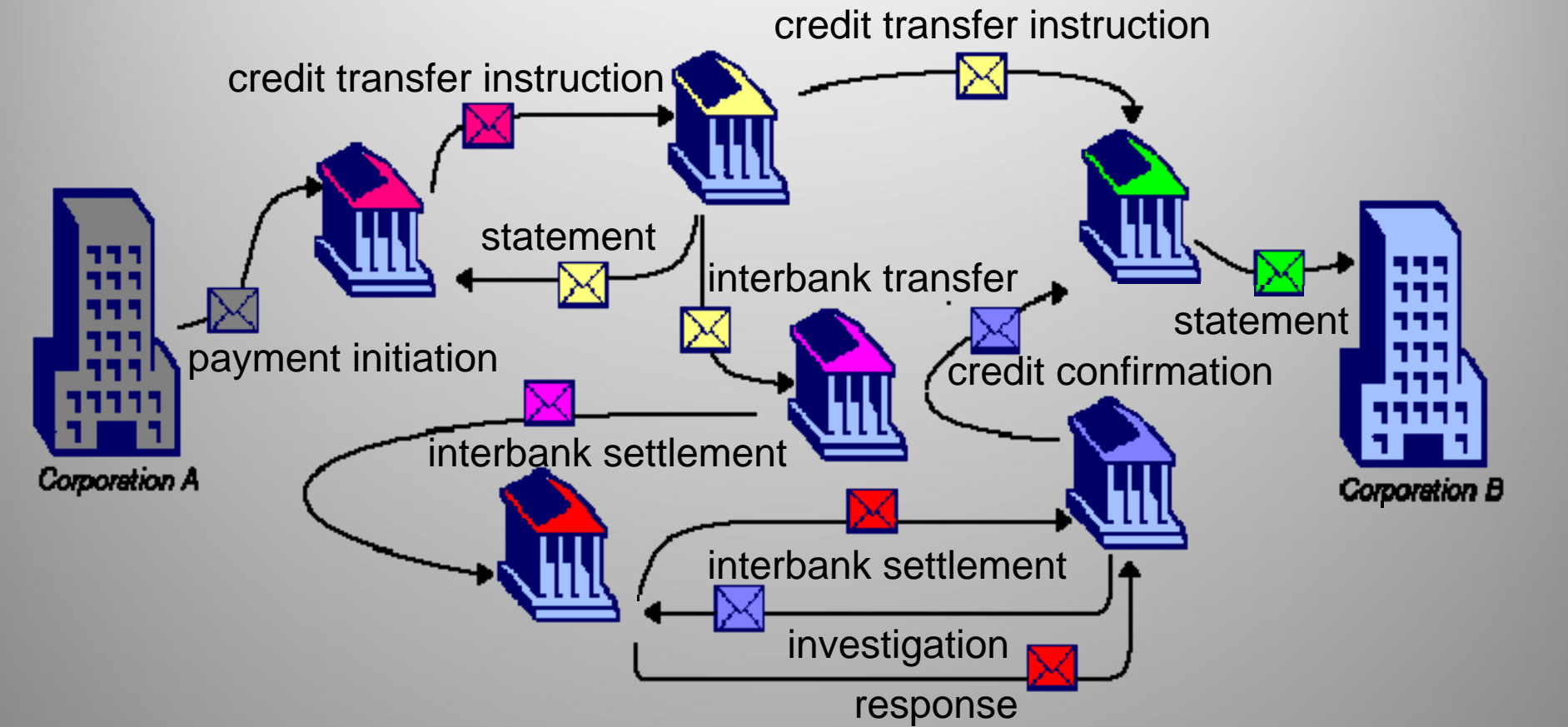




creating interoperability for the financial industry

Financial Institutions around the world, their vendors and partners, are required to handle hundreds of message formats daily to process information and transactions. When applied to either global or national transactions, this presents industry technology executives with increased challenges.



Today, these financial bodies implement customized software to convert each and every transaction into internally useful data. This conversion task incurs huge time and resource costs. The imperfect conversion process leaves financial institutions vulnerable to hidden liabilities and incalculable risks caused by errors that go undetected until transactions fail.

Leading financial industry experts recognized the need for message interoperability in order to reduce costs, processing time, liabilities and risks. Through the Finance Domain Task Force of the Object Management Group, OMG, a standard implementation solution was developed to address message co-existence and interoperability.

IFX NACHA	CHIPS
RosettaNet/PMP	TCH
ISTH	AGi
EPC/ECBS	Fedwire
SWIFT	X12

PAYMENTS

FISD/MDDL	FIX
SMPG	SWIFT
BMA	ISSA
SIA	ISITC-IOA
Giovannini	G30

SECURITIES

TREASURY

EACT	TWIST
SWIFT	FPML
IFSA	ISDA

TRADE FINANCE

Bolero	SWIFT
EAN/UCC	IFSA
IIBLP	ICC
UNICITRAL	



IFX NACHA

RosettaNet/PMP

ISTH

EPC/ECBS

SWIFT

CHIPS

TCH

AGi

Fedwire

X12

FISD/MDDL

SMPG

BMA

SIA

Giovannini

FIX

SWIFT

ISSA

ISITC-IOA

G30

PAYMENTS

SECURITIES



TREASURY

EACT

SWIFT

IFSA

TWIST

FPML

ISDA

TRADE FINANCE

Bolero

EAN/UCC

IIBLP

UNICITRAL

SWIFT

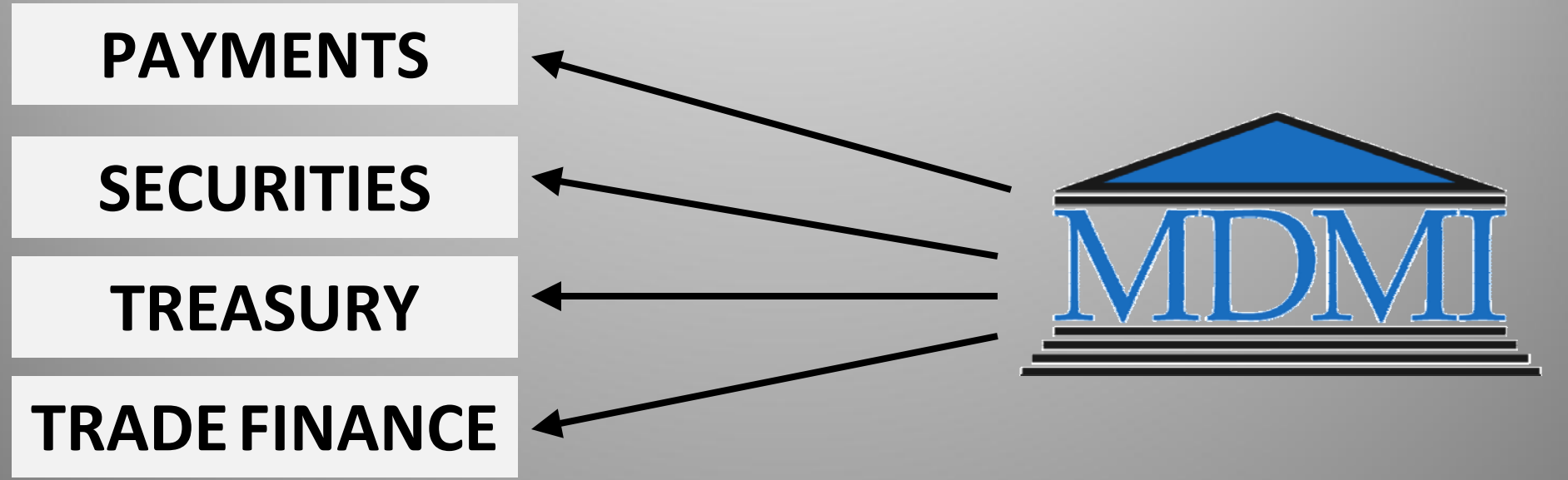
IFSA

ICC

The Model Driven Message Interoperability Standard, MDMI, assumes financial institutions want to manage risk, support auditability, and assert reliable data about parties to transactions and channels, done so by driving transparency, reliability, and clarity into all financial data.

The MDMI open standard defines transaction data transformation or “maps”. These maps are machine-readable and unambiguously defined, and preserve the business payload on any financial message regardless of its original protocol.

MDMI has the ability to eliminate liability, remove uncertainty, minimize risk and reduce excess cost by applying OMG’s hardened, open standards and by encouraging standards organizations to make MDMI-compliant mapping information publicly available.





OBJECT MANAGEMENT GROUP

1989 **OMG** 20 2009

OMG TWENTIETH ANNIVERSARY

The MDMI standard was developed using OMG's mature, worldwide, open standard development process. With over 20 years of standards work, OMG's one-organization-one-vote policy ensures that every vendor and end-user, large and small, has an effective voice in the process. Currently,



Finance



Healthcare



Insurance



Government



CSC

IBM

CA

Microsoft

Harris

Accenture

Hitachi

Fujitsu

HSBC

Wells Fargo

HP

Bank of America

Tata

Citigroup

Fidelity



MDMI implementation has four technical pillars:

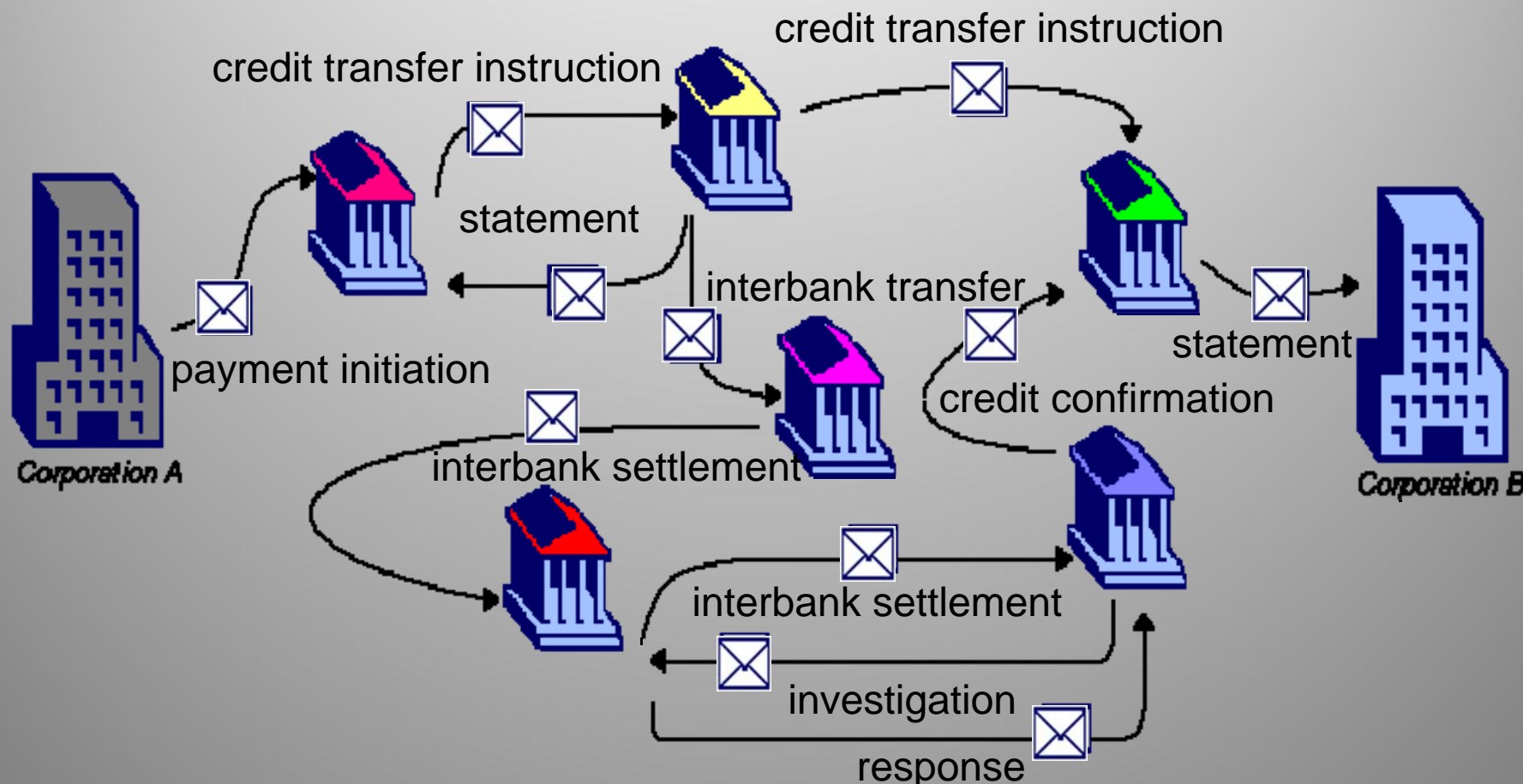
1. Separation of data structures from business meaning – assuring machine repeatable maps
2. Appropriate granularity for semantic interoperability – assuring reliable business information
3. Hardened technology using Model Driven Architecture (MDA) – assuring openness
4. Reuse and support of existing financial services and technical standards – assuring lowest adoption cost

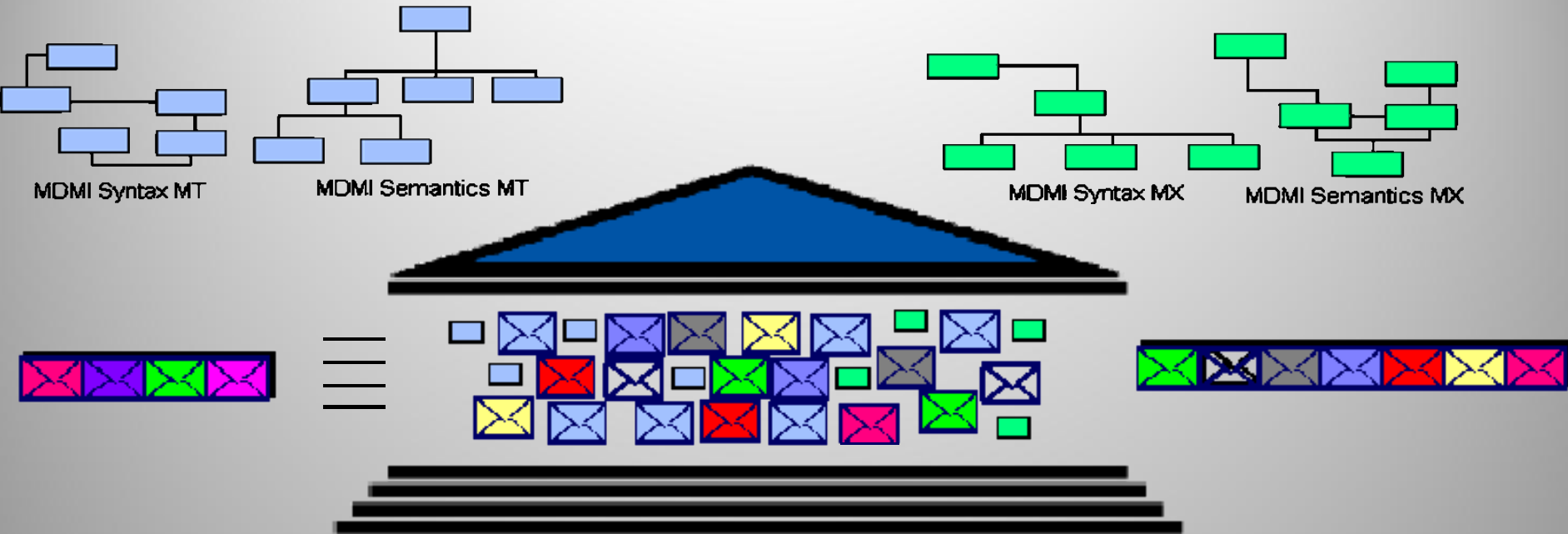
The pillars provide MDMI the capability to improve quality through;

- Ensured end-to-end interoperability
- Supported diversity and market practices
- Improved straight through processing
- Reduced ambiguity
- Increased business focus

Implementation costs are compact by;

- Reducing impact of proprietary technology
- Increasing automation capabilities
- Reducing impact of maintenance





The Model Driven Interoperability Standard;

- Assures legacy and new message co-existence and interoperability
- Provides support for computer readable maps published by existing financial standards organizations
- Enables creation of reusable data dictionaries
- Assists migration to ISO 20022 using existing message standards for formats
- Leverages the global OMG IT vendor community that provides UML compliant tools
- Creates a way of interconnecting networks of financial value exchange, mixing protocols to expediently and safely create new message formats.

MDMI is the singular harmonized standard to promote efficiency for producers, banks and broker dealers; payment services end users, corporations, individuals, and others. MDMI implementation can significantly contribute to the reduction of risks and costs originating from the use of multiple message protocols. It offers a solid platform for straight through processing with real semantic interoperability, which will be the basis for further innovative improvements.



creating interoperability for the financial industry

OMG and the MDMI Consortium are ready to help you gain knowledge, support and the tools necessary to implement MDMI in your organization.



This is your chance to get involved, save money, and deliver an ISO 20022 solution faster!

www.mdmi-consortium.org
www.omg.org