

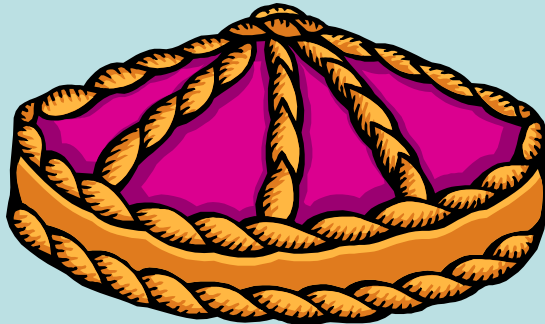
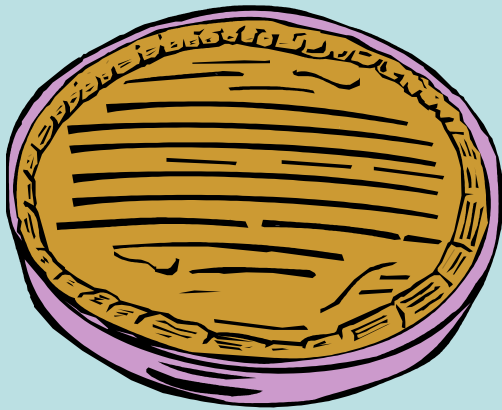
oBIX

Bringing Buildings into the Enterprise

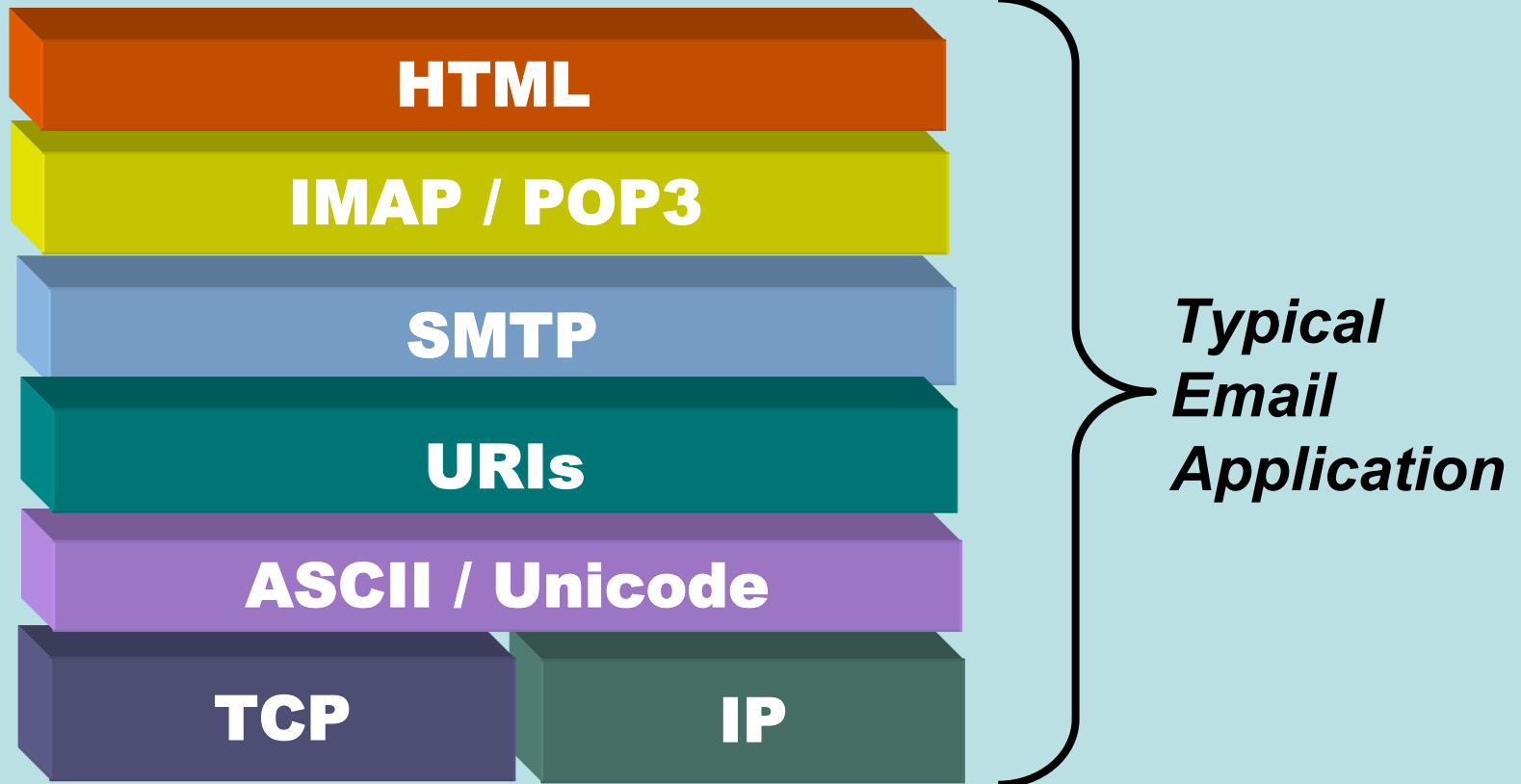
Toby Considine
Chair, OASIS oBIX Technical Committee
University of North Carolina

What is the Enterprise?

- Everything a business does to make money



Protocols you use each time you read email *(simplified version)*



oBIX: Composition and Interaction

Web Service Protocols

- WS-Enumeration
- WS-Addressing
- WS-Eventing
- WS-Notification
- WS-XAML
- WS-Policy
- BPEL4WS

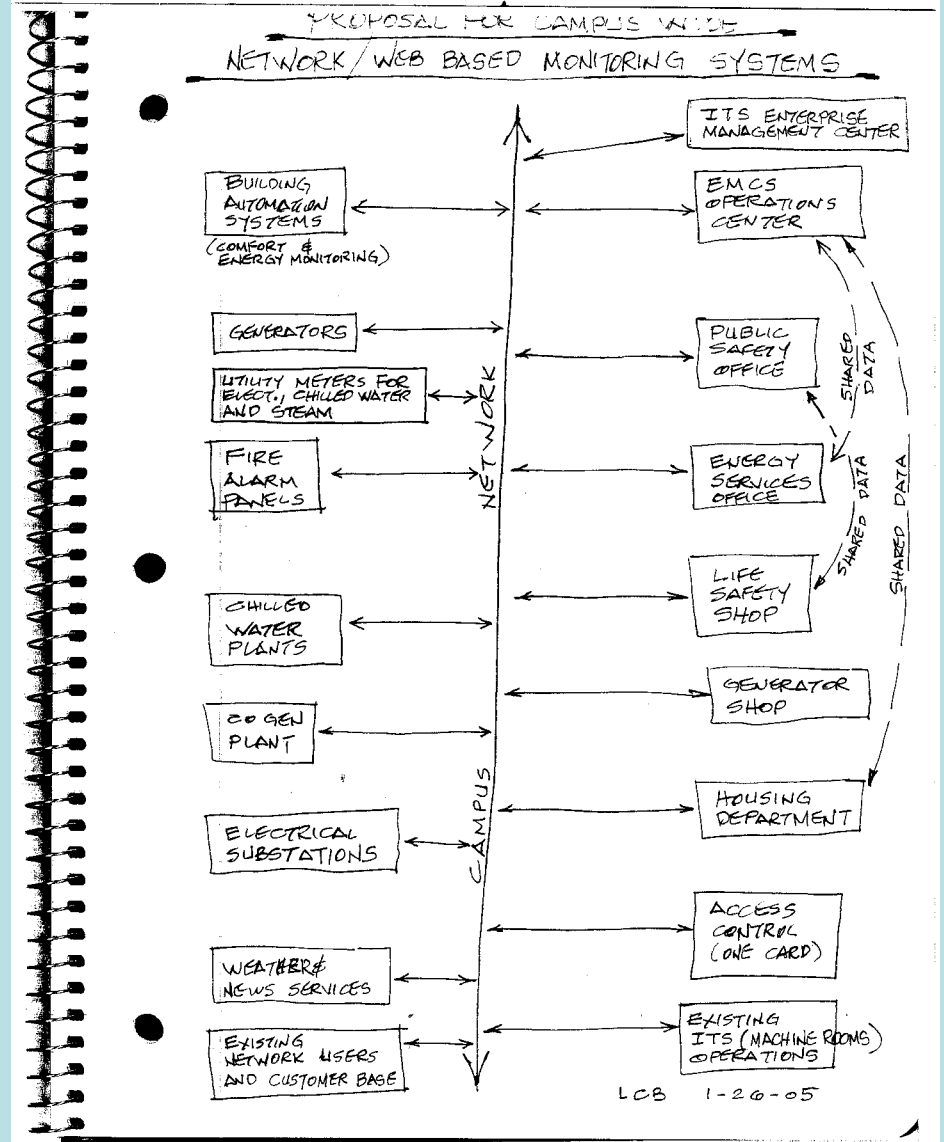
Enterprise Functions

- Performance (GBXML)
- Design & Construction (IFCXML)
- Business Processes (UBL) (BPEL)
- AEXML

oBIX is a well behaved respectful participant in a larger community of protocols.

Where is oBIX needed?

An actual mechanical engineer ponders control systems and the Enterprise...



oBIX: right in the middle

Customer Experience

Billing

Commissioning

Enterprise Energy Mgmt

Maintenance Mgmt

WS-DM

BPEL

WS-Notification

WS-Management

WSRF

WS-Eventing

Historian

Discovery

Alarms

Fume Hoods

HVAC

Intrusion Detection

Fire Alarms

Foot Traffic

Access Control

Revenue Meters

Power

A/V Event Mgmt

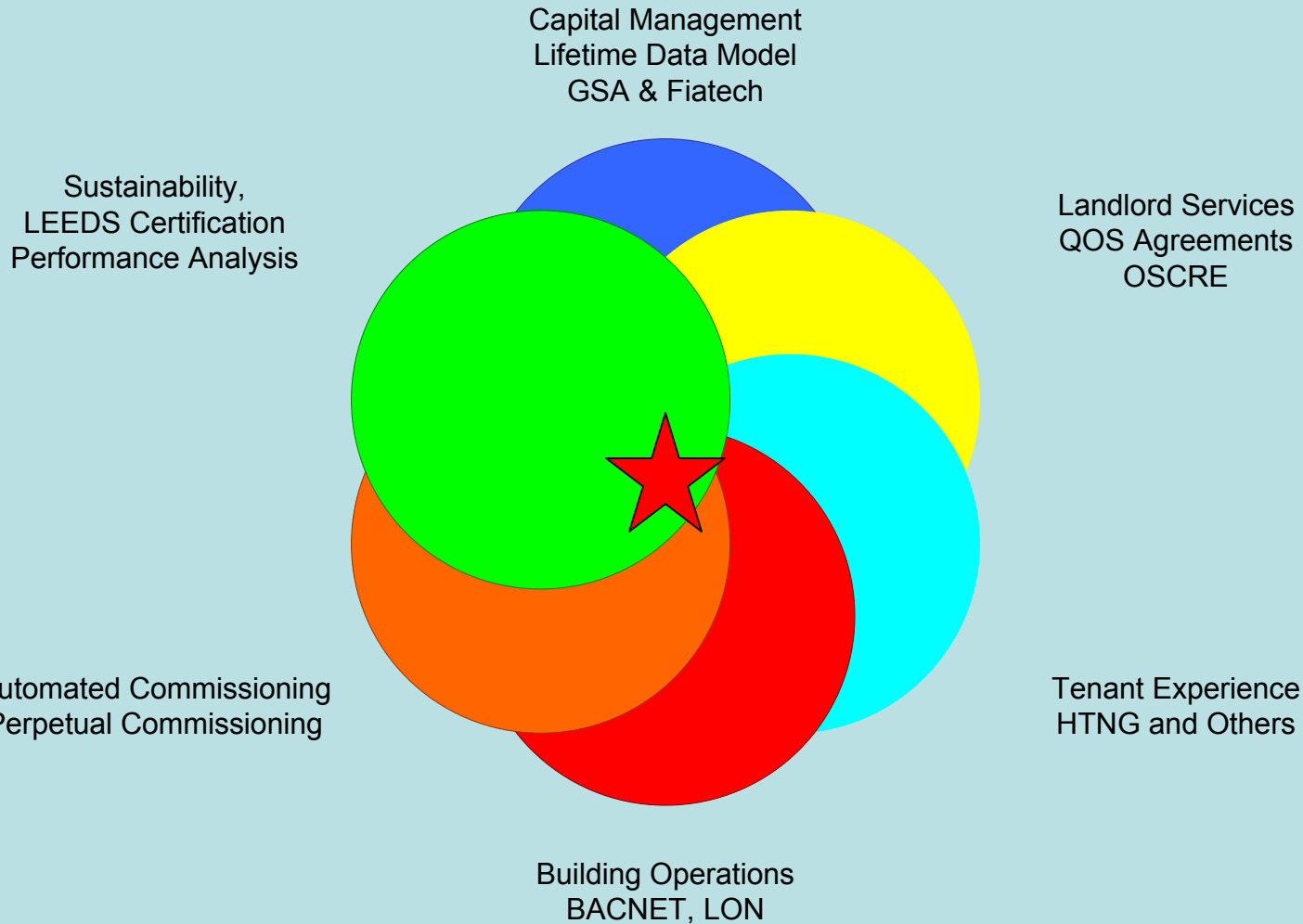
BACNET

LON

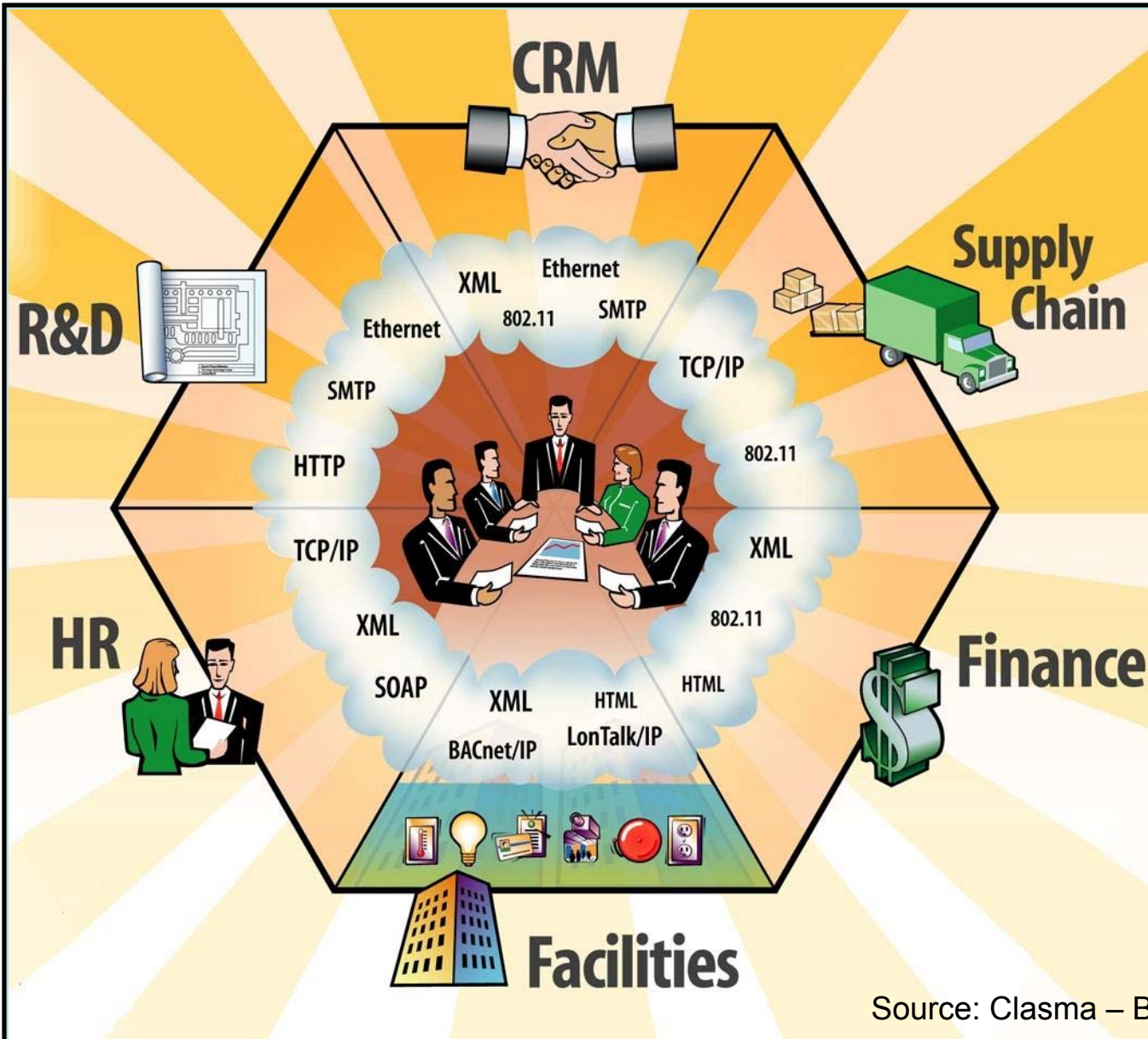
Niche

Other Industries

oBIX: Where it All comes Together



Where oBIX Fits...



oBIX Enables...

- Corporate to Focus on “The Business”
- The IT to Focus on the Enterprise Connectivity
- Buildings People to Focus on Buildings