

**Global Payments Week 2006**  
**Sydney, Australia**  
**October 3 – 6, 2006**

Resilience in Large Value Settlement Systems  
*The point of view of a global market player*

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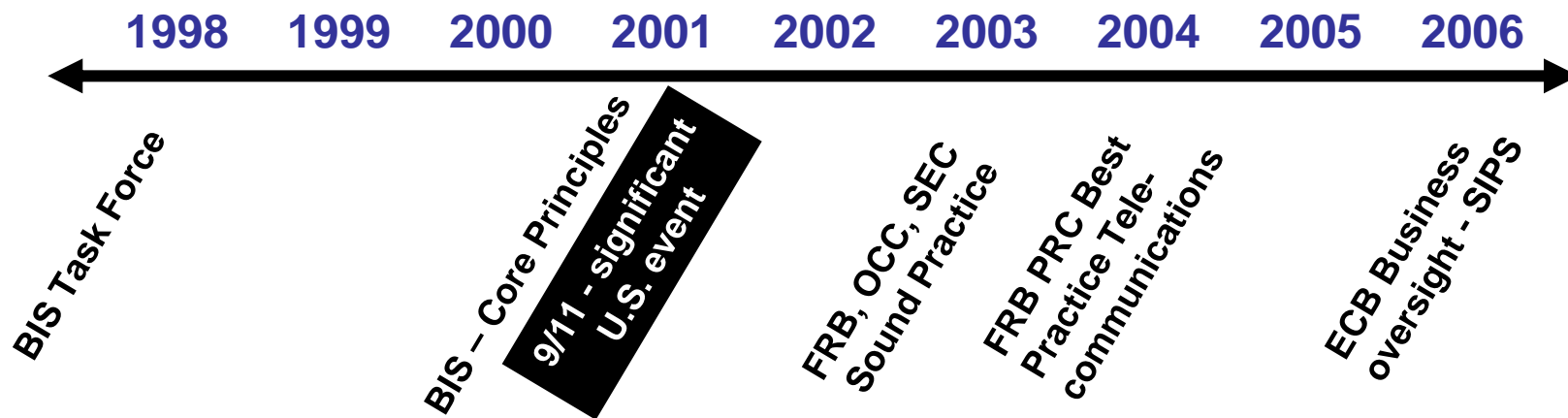
JPMorgan Chase Treasury Services

Friday October 6, 2006

**JPMorganChase** 

# Leadership in large value

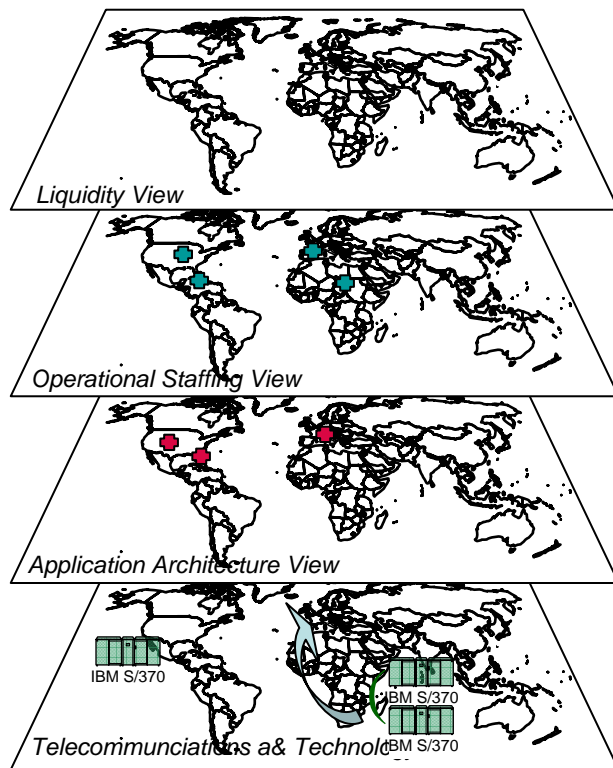
Resiliency guidelines are moving forward more quickly



Resilience must provide appropriately for client/market liquidity

- ❑ Technology contingency - hardware, applications, power, tele-communications, etc.
- ❑ Operations contingency - facilities and human resources

# A Resilience Map



## *Liquidity View*

- Access
- Resilience

## *Operations View - Processes/deployment*

- Operational resilience: Multiple, complimentary sites
- Market coverage: Siting, coverage, redundancy

## *Application Interoperability*

- Applications resilience, dependencies
- Interaction with process partners (e.g. FX, Treasury, etc.)

## *Telecommunications and Technology*

- Telecommunications, Hardware, Operating systems

# Iterative Improvements

- ❑ Developing the resiliency management process: tools, techniques, and metrics
  - ❑ People
  - ❑ Recovery period
  - ❑ Data Center duplicity and distance
  - ❑ Partner interoperability
- ❑ Opportunities to strengthen resiliency
  - ❑ Tsunami's, Avian Flu, etc.
  - ❑ Participation of industry partners
    - ❑ Examples in the U.S. FloridaFIRST, ChicagoFIRST
  - ❑ RTGS liquidity arrangements facilitate resilience
  - ❑ Global multi-site payment operations