Data Warehouse Kickoff

John E. Kolb ’79, CIO

March 2002

Inspiring Words

“If HP knew what HP knows, we would be three times as profitable.”

….Former Hewlett-Packard CEO Lew Platt…...
Setting the Stage

- Background
  - RensIT^2
  - Summer Leadership Retreat
- Launch of the Project
  - Decision Works
  - Sponsorship Committee
  - Steering Committee

DotCIO Vision and Mission

**Vision:** To provide a leading edge integrated information environment for the Rensselaer community.

**Mission:** The Division of the Chief Information Officer provides enabling information strategies, services, and technology to the diverse Rensselaer community.

We collaborate with campus constituents to find solutions for changing educational, research, communications and business needs.
Background

RensIT2 – Strategic Areas

- The effectiveness and efficiency of university operations.
- Information and analytical tools for decision-makers at all levels of the Institute.
- Services and infrastructure for faculty and support of research processes.
- Tools for campus communication and collaboration.
- Services for students.
- Shared ownership of university information.
- Movement to integration and university-wide architectures in key areas.
RensIT^2 – Quality of Institutional Life

- Time as most valuable commodity
  - Timeliness
  - More responsive (too much paper!)
  - Shorter cycle times
- Low Walls to “No Walls”
- Cultural Emphasis on Embracing and Exploiting the Use of Technology (E-campus)
  - Agility
  - Independence of time and place
  - Friendly e-community & communication
- Stewardship of Institute Data
  - Accessibility

Progression

- Detailed/Raw Data --> Highly Summarized
- Operational/Local --> Tactical --> Strategic/Global
- Primary Rensselaer Data Level ~ Banner System
Tacit and Explicit Knowledge

- **Explicit Knowledge**
  - Packaged
  - Easily codified
  - Communicable
  - Transferable
  - Can be expressed in formal, shared language

- **Tacit Knowledge**
  - Personal
  - Context-specific
  - Difficult to formalize
  - Difficult to communicate
  - More difficult to transfer

DW is More Than a Technology Project

- **Analytical**
  - Integration
  - Robustness of Information

- **Culture**
  - Data Stewardship
  - Trust
    - Shared Responsibility

- **Technology**
  - Disintermediation
  - Selection of Tools

- **Need Your Involvement and Support**
Launching the Project

Defining
Guiding
Implementing

Decision Works

- The Interviews (9/10/01 --&gt; 9/19/01)
  - 31 interviews, 49 individuals, across all portfolios
- The fundamental goals of this effort were to:
  - Identify and summarize data warehouse requirements
  - Facilitate the prioritization of warehouse deliverables
  - Determine success criteria for the data warehouse project
  - Ensure that we are properly focused before expending resources and making significant investments
- Summary of the requirements
- Prioritization process
- Success Criterion
- Issued Report
CONSTITUENCIES

BUSINESS PROCESSES

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Guiding the Project

- DW Sponsorship Committee
  - Ginny Gregg, VP of Finance (co-chair)
  - David Haviland, VP of Institute Advancement
  - Eddie Knowles, VP of Student Life
  - John E. Kolb, CIO (co-chair)
  - George ‘Bud’ Peterson, Provost
  - Curtis Powell, VP of Human Resources
  - Art Sanderson, VP of Research

Data Warehouse Project Organization

March 2002
Guiding the Project

- DW Steering Committee
  - Brian Clement - CIO, Rensselaer Hartford
  - Ora Fish - Data Warehouse Project Manager
  - Gary Gabriele – Dean of Undergraduate Education and Vice Provost for Administration
  - Sharon Kunkel - Director of Student Records & Financial Services, Registrar
  - Eileen McLoughlin - Director of Financial Planning/Budget
  - Jeff Miner - IACS Director (chairman)
  - Kirsten Volpi - Assistant VP for Finance, Controller

Data Warehouse Group:
- Ora Fish - Data Warehouse Project Manager
- Dave Goldschmidt - Business Systems Analyst
- Raj Kahlon - Data Warehouse Architect
- Kate Owens - Business Systems Analyst
- Jeff Stark - Business Systems Analyst
- Christa Wilary - Data Warehouse Analyst (start 3/18)
- Data Warehouse Analyst - Open position
Implementation

- Initiated Data Warehousing
  - Staffed initial DW implementation team
  - Acquired infrastructure
    - Hardware
    - SW tools
  - Developing first Data Mart
    - Defined requirements and scope for Finance Data Mart
- Web site
  - [http://www.rpi.edu/datawarehouse/](http://www.rpi.edu/datawarehouse/)

"RENSSELAER EMPLOYS A FIRST-RATE INFORMATION CULTURE AND A ROBUST INFORMATION INFRASTRUCTURE. WE MUST SUSTAIN THIS ADVANTAGE....WE WILL CENTRALIZE ADMINISTRATIVE INFORMATION SYSTEMS, WHILE IMPROVING DISTRIBUTED DECISION SUPPORT THROUGHOUT THE INSTITUTE."

--- Shirley Ann Jackson, PhD, Rensselaer President

Thank you