

EXPRES

Welcome

University Commitment to Information Technologies

Early efforts in Engineering: CAEN

Dan Atkins, Dick Phillips

(Largest collection of Lisa's in the free world...)

Novel relationship with Apple and Apollo...

...other vendor relationships...

Key decision

To make the University a leader in the development and application of information technology...

Vehicle:

A distributed, hierarchical information technology environment, based on a large variety of workstations, servers, and robust networking...both internal and external to the University. Note: commitment to heavily graphics based technologies...

People:

Lynn Conway

Doug Van Houweling

Carolyn Autry-Huntley

Randy Frank...

....many others...

Organizational Structures

CAEN, Bus Ad

EECS

Center for Machine Intelligence, CRIM, ITI,...

Information Technologies Division (Vice-Provost)

Center for Information Technology Integration

Resource Commitments

Engineering and Business moved ahead with major programs

Developed student fee mechanism (\$150/term)

University student access

\$5 M + \$3 M General Fund/year

(will increase)

Networking

Internal: UUNET (and lots of others)

External: MERIT, NSFNet, ARPANET,...

Telecommunications

\$37 M digital telecommunications network (in place...)

"We are now wired"

Servers

Both central and distributed...

Large-scale systems -- computation servers...

Both oncampus and off...

Process servers

Moses, ITI,...EXPRES ???

UM is committed to being a leader in the

application of information technology to education,
research, administration,indeed, to everything we do.

We would be joined in the EXPRES effort by institutions
with similar commtments...

EXPRES aligns quite naturally with the strategic
priorities of the University.