



**FINANCE AND FACILITIES COMMITTEE
OCTOBER 20, 2015
11:00 A.M.**

**MCCORMICK ROOM
30 7TH STREET EAST
SAINT PAUL, MN**

Please note: Committee/Board meeting times are tentative. Committee/Board meetings may begin up to 45 minutes earlier than the times listed below if the previous committee meeting concludes its business before the end of its allotted time slot.

1. Study Session: Finance and Facilities Committee, Jay Cowles, Chair
Information Technology 2016 Outlook

Committee Members

Jay Cowles, Chair
Thomas Renier, Vice Chair
Ann Anaya
Philip Krinkie
Maleah Otterson
Erma Vizenor

Bolded items indicate action required.

**MINNESOTA STATE COLLEGES AND UNIVERSITIES
BOARD OF TRUSTEES
Agenda Item Summary Sheet**

Name: Finance and Facilities Committee

Date: October 20, 2015

Title: Study Session Information Technology 2016 Outlook

Purpose (check one):

Proposed
New Policy or
Amendment to
Existing Policy

Approvals
Required by
Policy

Other
Approvals

Monitoring /
Compliance

Information

Brief Description:

Vice Chancellor of IT Ramon Padilla Jr. will discuss the ISRS Next Generation project, highlighting what ISRS is, the need for change with respect to this system and a focused look at the student experience.

Scheduled Presenter(s):

Ramon Padilla Jr., Vice Chancellor of IT

ISRS Next Generation

The Student Experience

Part One of a Three Part Discussion



Discussion with the Finance and Facilities Committee
Board of Trustees
October 20, 2015

Minnesota State Colleges and Universities

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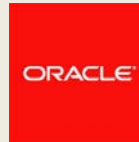


What is ISRS? ISRS stands for Integrated State Wide Record System

ISRS is MnSCU's Enterprise Resource Planning (ERP) Software. In the educational realm, an ERP is comprised of financial, accounting, and human resource components as well as a student information system (SIS). In short, it is THE enterprise software that allows all of MnSCU to conduct business – from timesheets to payment of bills, admissions, registration, course management, etc. It is the primary repository of data about and for our students, faculty and staff.

Commercial ERP products that you may be familiar with:

- Oracle PEOPLESOFT



- SAP SE



- Ellucian BANNER



- WORKDAY



“So What’s the Emergency – Why Now?”

- ISRS is 20 years old – developed in 1995 – is “home grown” – not a commercial product – with its core based on a COBOL – a programming language developed in 1959!
- System office IT staff who know COBOL are retiring or becoming eligible for retirement.
- Due to its declining popularity and the retirement of experienced COBOL programmers, programs are being migrated to new platforms, rewritten in modern languages or replaced with software packages. Most programming in COBOL is now purely to maintain existing applications.^[1]
- We have both a technological and a consumer need crisis on the horizon regarding ISRS.

What was it like in 1995?

- Windows 95 was released by Microsoft.
- The Internet was a *trendy* topic – a website might be seen by 20,000 people a week. A successful website today will be visited by 10,000 people a day.
- Motorola introduced the first popular “flip” cell phone. 35 million cellphones in use in US. Today – 270 million.
- Laptops cost over \$4,000 and weighed 7- 18 lbs. Today – Price is \$500 and weight is 3 lbs. or less.
- Only 32% of the population had a computer. 92% of the population owns a computer today.



“So What’s the Emergency – Why Now?” Unmet Student Needs

- ISRS was not built for mobile computing. A mobile strategy has not been identified for ISRS other than converting pages to *responsive design* (Making web pages fit on a smaller screen).
- There are currently no apps for ISRS.
- Some of the things our students are **NOT able** to do today in ISRS:
 - Monitor academic progress
 - Enroll, add, and drop classes – manage wait lists
 - View classes and schedule, map locations
 - Receive notifications and take action, bill pay

What do students expect today?

Students today expect a personalized experience - immediate, easy access to information they need when they need it - on their mobile devices. They want to manage their academic experience from their phone or tablet. Whether to access library systems, contact numbers and details, campus maps, class-related information or financial transactions, they want more than a web page that fits on a screen. They want solutions built from the ground up for their mobile device.

“So What’s the Emergency – Why Now?” Unmet Academic Needs

- Education is changing today at a pace that rivals technological change.
- Our colleges and universities need the best systems possible to meet student needs.
- System office development staff cannot meet current campus demands for system enhancements.
- The system office cannot staff to a level that will allow it to compete with commercial software development houses.
- The system office development staff have been struggling to meet demand for a decade.

ISRS – Not built for today’s education environment.

- Lacks learning analytics
- Has no holistic view into a student’s educational record
- Cannot support learning communities and other best practices in teaching and learning
- Lacks tools to support transfer
- No academic planning tools

ISRS NextGen – The Call to Action

- In order to understand and document the need, ISRS NextGen project was developed and kicked off in January 2015.
- Project was identified by Charting the Future Information Technology Team as a key priority.
- Key deliverable for the project is a comprehensive business case to be delivered to leadership in March 2016
- Business case will provide extensive data and information for decision makers.

Desired Outcome(s) by March 2016



- Complete campus listening sessions. 31 sessions in progress – 21 completed to date.
- Compile and disseminate ISRS NextGen survey results – currently 633 responses, 28% of which are from students.
- Complete gap analysis, peer comparisons and environmental scan.
- Complete comprehensive budget analysis of existing system.
- Continue messaging and discussion of ISRS NextGen with all stakeholders and constituencies.
- Examine the case for ISRS replacement/upgrade.



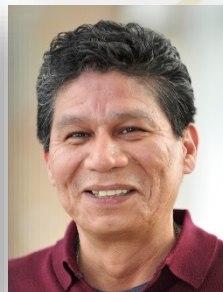
Discussion?

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