

# UM BANNER EVOLUTION PLAN

The University of Montana

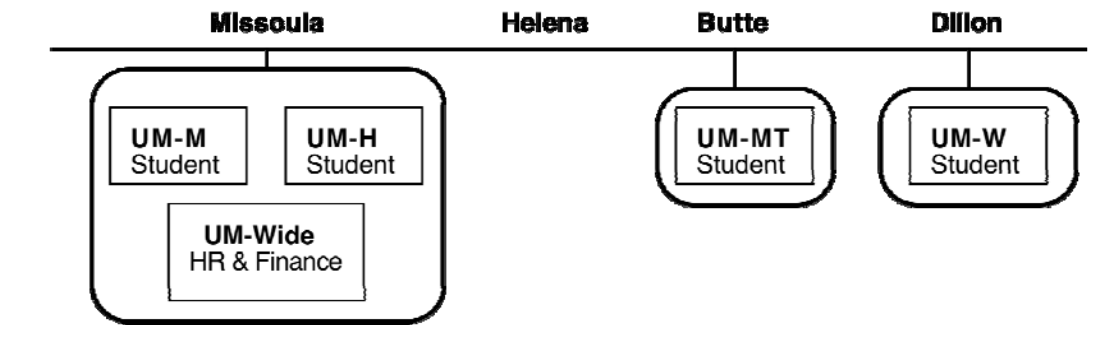
February 18, 2010

## BACKGROUND

-Human Resources and Finance Module From the beginning (mid-1990's) UM has used *one fully integrated, fully consolidated* HR and Finance implementation and carefully coordinated business practices to serve all four campuses.

-Student (including Financial Aid) From the beginning (early 1990's, pre-restructure) UM has used *four semi-independent* Student implementations. Two are now running at UM-M (UM-M and UM-H) and one each at UM-MT and UM-W. These modules are highly coordinated in their interfaces to central Finance and HR, but (unfortunately) somewhat diverse in their encoding of student data. On-going network issues in Butte and Dillon have stalled further consolidation.

### Current UM Banner



## NEED AND PLAN FOR EVOLUTION

Though the current system architecture has served UM and the MUS well, requiring little adjustment and essentially no expensive adjustments over 15 years, it is time to make two types of improvements.

1. Overhaul and consolidate Student to standardize data and data encoding and facilitate reporting, student tracking, transferability, and data warehousing
2. Overhaul and enhance the entire system architecture to improve fault tolerance and add true disaster recovery capability.

The Plan and Tentative Schedule

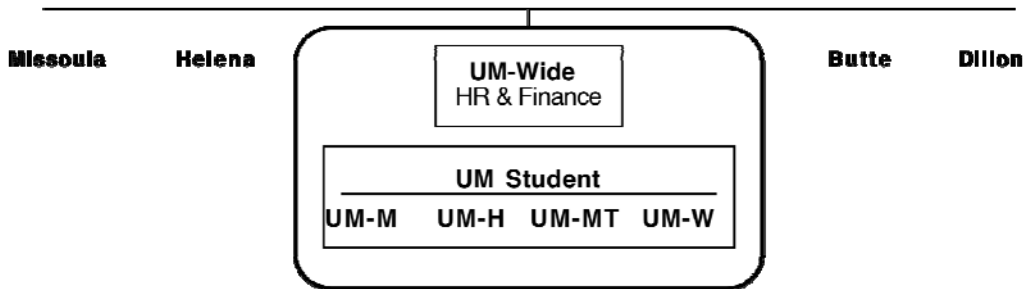
**Step 1 – Prerequisite - Enhance Network Links** Further consolidation of UM’s Banner hinges on more reliable UM intercampus networking. UM has initiated the acquisition of enhanced network links, outside the current (non-exclusive) State Network contract if needed).

*Implementation Target* Formal procurement followed by vendor construction → new links available sometime during FY11.

**Step 2A –Student Overhaul** Immediately after the Banner 8 rollout (late March) the four UM campuses will begin to work together and with OCHE to identify standard Student module data elements and data encoding practices.

*Implementation Targets* The goal is to identify these standards by May, then implement in two phases, a mid-Fall 2010 implementation window and a mid-Spring 2011 window, so the overhaul would be complete by Fall 2011.

**Target UM Banner – Logical View**



**Step 2B – System Overhaul** UM is currently designing the architecture to utilize geographically distributed primary processing sites and a secondary backup/disaster recovery site. Following completion of the design plans need to be developed to phase into the new system, considering budget restrictions, normal equipment replacement, and the need to minimize service disruptions.

*Implementation Targets* The goal is a complete design by May, then a “phase in” plan by November. Implementation will proceed incrementally during available implementation windows, recognizing that 2-A is a higher priority than 2-B. The target is completion of the primaries by Fall 2012.

**Target UM Banner – Physical View**

