Information Technology Services and Health Care Information Systems are pleased to welcome you to the new University of Iowa Information Technology Facility (ITF).

IT is essential to the university. It extends across clinical, academic, research, administrative, and outreach missions of the institution, impacting virtually every individual on campus. The new data center will house and protect computing and network equipment that is vital to the operations of the UI and University of Iowa Hospitals and Clinics.

Construction of the 43,000-square-foot, $30 million facility took three years. The ITF replaces data centers in Jessup Hall and the General Hospital. Those centers needed significant infrastructure improvements that would have been far too costly or even impossible to make. The ITF can house servers that are scattered across campus, tucked in small rooms and closets within individual units. It provides space for high-performance research computing.

The ITF provides proper electrical, ventilation, and air conditioning requirements for servers. It’s designed to withstand tornadoes and power interruptions, and is far from the areas of campus that flooded in 2008. It’s environmentally sustainable, and it relies on the Central Utility Plant (CUP) for electrical and cooling needs.

Thanks to all who played a role in this project, and to the Board of Regents for their support.

**Hardened Facility**
- Designed to withstand an EF3 tornado defined as 165 mph, 3 second peak gust of wind
- Enclosed by 12 inch thick precast panels for the walls and with hurricane-resistant glass windows
- Covered by a multi-layered roof designed to withstand a snow load of 30 pounds per sq. ft.; no roof penetrations and further protected by an electric field vector mapping system to detect leakage
- Protected from lightening and power surges via 80 lightning rods on the roof with 30 separate paths to an extensive electrical ground grid

**Milestone Dates**
- October 2008       Board of Regents approved $33,628,000 – actual cost $29,790,586
- November 2009     Site preparation began
- April 2010        Construction bids awarded
- December 2011    Substantial completion date

**Architects & Consultants**
- SVPA – Des Moines, Iowa       HP/EYP – Chicago, Illinois       Ryan Companies – Cedar Rapids, Iowa

**Construction Contractors**
- General – Cardinal Construction, Waterloo, Iowa       Electrical – Hunt Electric, St. Paul, Minnesota
- Site Preparation – Rathje Construction, Marion, Iowa       Site Utilities – Maxwell Construction, Iowa City, Iowa

**Environmental**
- Seeking LEED Platinum certification – may be first University of Iowa building with platinum certification
- Bio-retention cell – 7,800 sq. ft. garden-like area on six feet of soil with 1,500 plantings to retain and absorb water runoff serving as a natural filter and providing erosion control!
- High performance energy conservation optimization – awarded all 10 points in this LEED area