

**CIB groundbreaking video script** 4/8/10

Placement in ceremony: Among the speakers, possibly before Brad

**a. Intro**

[Scene: Physical Plant truck/moving van; year 2011  
[Truck pulls up to generic dock.]

**Truck driver voice:** "One more move for the I.T. folks.  
How many times have I moved them over the years?  
The last big one was into Wrubel, in what, 1969?  
Here we go again – some 26 years later. . ."

[Scene reopens on IU map ]

**b. Mobile IT**

**Narrator:** "I.T. at IU Bloomington has led a nomadic life.  
Its homes have been all over campus map.  
In dorms and in basements, in houses and in academic buildings.  
In a renovated furniture factory. In a former grade school."

[As narrator speaks, colored markers drop one by one, at first slowly then picking up speed, into campus map, marking former IT homes:  
[interleave some dates –flipping calendar pages 1960, 01]

"Woodburn Hall, Bryan Hall, Swain Hall East, Hyper, Memorial Hall, Arwater House, Lindley, Franklin, Poplars, the Union, the Alumni Association building on 17<sup>th</sup> St., the downtown Showers complex.  
And last, the old University School complex.

**c. IT at IU comes together, piece by piece**

**Narrator:** "In the early days, when computers were still new, improvised staff housing was fine.

Over time, computers became Information Technology, and I.T. became a tool in research, teaching, and university business. It grew from being the strange new thing at IU, to part of the life of the place.

[As narrator speaks, fast-spinning newspaper images bring headlines into focus. Date in large-type overties or precedes each paper showing time progression and scope of initiatives. Pace: Quick as possible while keeping date and headline readable. Upbeat music/jazz.]

- 1996 **McRobbie Named First IU VP for Information Technology**
- 1998 **IU's First Strategic Plan for I.T.**
- 1998 **IU Receives \$10M NSF Award for TransPAC**
- 1998 **IU-Microsoft Agreement Provides Software Across IU**
- 1998 **IU Operates Abilene Backbone for Internet2**
- 1999 **IU Knowledge Base Receives "Distinguished" Award**
- 1999 **IT Linked to State's Economic Well-being**
- 1999 **School of Informatica Given OK**
- 2000 **Technology Tops Priorities in IU Budget Proposal**
- 2000 **\$105 Lilly Grant for Indiana Genomics Initiative**
- 2001 **Global NOC Manages South America Connection**
- 2001 **Governor Frank O'Bannon Launches I-Light**
- 2001 **IU Law Library Goes Wireless Ethernet**
- 2002 **McRobbie Named VP of Research**
- 2002 **Sheehan Named School of Medicine CIO**
- 2003 **Mellon Supports Digital Archive of World Music (EVIA)**

**d. New home for IT**

**Narrator:** "IU's investment in I.T. was substantial.  
Computers. Servers. Network equipment. Staff.  
Vice President McRobbie saw that I.T. was fundamental in a modern university.  
As such, I.T. required housing that was sound and secure.  
Staff needed to be able to work effectively together – without rain pouring through the roof!

**e. CIB 1**

**Narrator:** "In 1999 IU announced plans for a new Computation and Information Building.  
It would stand in the meadow near the School of Education."

[Scene: Meadow near School of Ed.]  
[Camera pans area. Bring in/overlay architect's drawings, building model]

**Narrator:** "But utilities were a concern in that area.  
IU returned to the drawing board."

"Meanwhile IU continued to advance I.T. –  
In the technology that supports the life sciences . . .  
In international networking . . . . .  
In advanced cyberinfrastructure . . . . .  
In open source software.  
I.T. became a force in the life of the State.  
It supported Indiana's emergence as a center for the life sciences.  
IU was creating an I.T. powerhouse with more federal research dollars."

[Quickly spinning newspaper images bring successive headlines into focus as before. Upbeat music/jazz]

- 2003 **\$50M Lilly Grant for Indiana Genomics Initiative**
- 2004 **First Phase of NSF Teragrid in Production**
- 2004 **McRobbie Voted National IT Leader**
- 2004 **Mellon Grant Supports ePortfolio Software**
- 2004 **Lilly Grant Funds METACyt**
- 2004 **Kuall Financial Project Lunched**
- 2005 **GlobalNOC Supports LambdaRail**
- 2005 **TransPAC2 Inaugurated**
- 2005 **\$4.4M NSF Grant to Improve TeraGrid**
- 2005 **I-Light2 Gets Go-ahead**
- 2005 **Kuall Supported by \$2.5M Mellon Grant**
- 2006 **Wheeler, Elmore Named Acting CIOs**
- 2006 **IU Acquires Big Red**
- 2006 **McRobbie Expands IU-Asia Partnerships**
- 2007 **IU Pioneers Unified Communications**
- 2007 **IU Provides Life Sciences Data via TeraGrid**
- 2007 **McRobbie Named IU's 18<sup>th</sup> President**
- 2007 **Wheeler Named VP for I.T. & CIO**
- 2007 **IU Breaks Ground on New Data Center**
- 2007 **Global NOC Wins International Excellence Award**
- 2007 **Big Red Named World's 30<sup>th</sup> Fastest Supercomputer**
- 2007 **McRobbie Named IU's 18<sup>th</sup> President**
- 2007 **IU and Sony Form Strategic Alliance**
- 2008 **IU Technology Speeds Polar Research**
- 2008 **Big Red Powers State's Economic Growth**
- 2008 **Empowering People IT Strategic Plan Unveiled**

**f. CIB 2**

**Narrator:** "Time passed.  
In 2003 a new building site was proposed.  
This location was in the center of campus, off 10<sup>th</sup> Street, behind the Geology Building.

[Zoom in to site, architectural drawings, building model . . .]

The building design would tie in architectural elements that distinguish buildings in the campus Old Crescent area.  
Critical computers would be protected in a hardened machine room.  
Staff. . . . .  
But this site *also* brought challenges, including the higher construction costs in the center of campus."

**g. ICTC**

**Narrator:** "Meanwhile, 46 miles north on the IUPUI campus, the need for adequate IT housing was even more urgent."

The university tackled this problem first.  
Staff and computer systems moved into the new Informatics and Communications Technology Complex in 2004.  
This building was IU's first step in creating the physical structures it sorely needed to protect its I.T. investment.  
The ICTC provides a single point of access to IT resources. It houses staff, advanced visualization facilities, a network operations center, and a hub of Indiana's I-Light network.  
On the corner of West and Michigan Streets the ICTC is an electronic gateway to the campus and a symbol of IU's investment in the economic development of the state."

**h. IUB Data Center**

[Scene: IUB campus map. Zoom in on 10<sup>th</sup> & Bypass. Arrive at exterior view of Wrubel, near former machine room area]

**Narrator:** "Back in Bloomington, each season of severe weather called attention to the deteriorating facilities at the Wrubel Computing Center. Under its fragile roof, some of the world's most advanced computer systems supported some of IU's most advanced research. Within its leaky walls, enterprise systems kept the university running. But physical and economic conditions called for a change in direction. It made sense to separate the two functions of the proposed building. One I.T. building became two."

[Accompany the following with footage/images of data center under construction, and interior shots. Aerial footage with footprint of existing & buildings? See Data Center dedication media.]

"First came the Data Center. IU broke ground in 2007.

The Data Center would be the first structure in developing IU's technology park. According to the new plan, the Data Center would eventually be surrounded by research or startup companies.

Today the Data Center is unassuming — it's a bunker. It's surrounded by a 12-foot-high earthen berm. Its bunkered concrete walls rise a single story above ground level. This design will stand up to electrical damage, power outages, and brute-force disasters like tornadoes.

Its three machine rooms — the Research, Enterprise, and Future Research pods — house supercomputers, databases, university information systems, telecommunications, and servers that provide e-mail, web access and a host of other core I.T. services. At 83,000 square feet, it provides the space and flexibility to keep IU competitive in research advancements and grants."

#### i. Innovation Center

[Return to campus map and enlarged view of U-school footprint]

**Narrator:** "Returning to build on the old University School site was part of the plan. IT at IU needed room to grow.

[pause]

Steady contributions in the bio-, medical-, and life sciences were advancing Indiana's life sciences industry. I.T. clearly had a growing role in Indiana's future economic well being. Then Vice President McRobbie knew IU would encourage this growth. But it would require a space — for research labs, for research into I.T., and for incubating businesses.

[Views of the Innovation Center]

"In 2009 another piece was added to the technology footprint at 10<sup>th</sup> and the Bypass:

The I.U. Innovation Center.

The Innovation Center will encourage partnerships between I.T. and the life sciences industry.

Within the Center is the IU Pervasive Technology Institute with its three research centers.

There's special wet-lab space for start-ups in the bio- and life sciences.

As part of President McRobbie's Innovate Indiana initiative, the Center will incubate and translate IU inventions and innovations.

Together, these activities will help promote economic development across the State.

[Return to Campus map, overview of U-school area. Clearly visible are Data Center and Innovation Center. In the space the CIB will occupy, drop in image of the CIB, as narrator speaks below.]

#### j. The Cyberinfrastructure Building

**Narrator:** "In 2009 the Indiana General Assembly included funding for the Cyberinfrastructure Building in a bill signed by the governor. Architects completed a design. A contract was awarded.

The design was radical, the first of its kind on the Bloomington campus.

Plenty of open space. Collaboration areas. Focus booths.

Food services!

And a new vision for a team-oriented, mobile workforce."

[During the above, move through walk-through of CIB. Continue as narrator speaks, below.]

"The 3-story Cyberinfrastructure Building will house most I.T. staff at Bloomington. Its design is based on workspace concepts at some of the world's leading firms."

[pause]

[more slowly below]

"In retrospect, the more than 10-year gap between the first building concept and today's groundbreaking was beneficial.

IT at IU evolved in ways we couldn't have predicted.

When the CIB joins the Data Center and the Innovation Center

*this* triangle will be complete.

But there's a meadow beyond . . ."

[Return to IU Physical facilities van & driver]

**Driver:** [wiping brow] "That was a long ride. At last, I.T. is home."