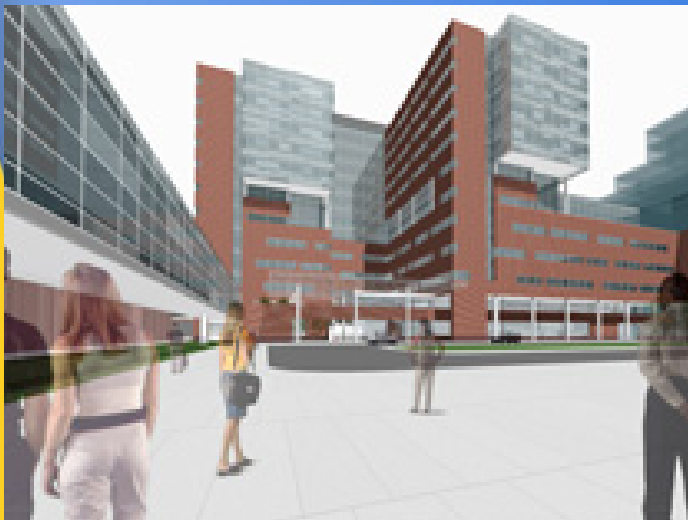




IT@Johns Hopkins New Faculty Orientation

October, 2006



JOHNS HOPKINS
MEDICINE

IT@Johns Hopkins

Who are we and what do we do?

- **IT@Hopkins is the central Information Technology organization**
- **IT@Hopkins provides enterprise wide and local services across Johns Hopkins**
- **IT@Hopkins works collaboratively and collegially with faculty, students, and staff**



IT@Johns Hopkins

Who are we and what do we do?

- **IT@Johns Hopkins provides infrastructure services such as:**
 - Network architecture, deployment, security, reliability, and support
 - Telephony services for all voice communications
 - Data Center management, security, & disaster recovery for mainframe, midrange, and servers of all types



IT@Johns Hopkins

Who are we and what do we do?

- Provide Help Desk, technical support, and break-fix services
- Provide Desktop and mobile device management and support
- Provide Application support for Clinical, Research, and Administrative Systems
- Our service model varies based on your need!



Mission/Vision IT@Johns Hopkins Seven “S”

- Safety
- Security
- Scientific Innovation
- Simplification of the Environment
- Service Excellence
- Satisfaction
- Savings and productivity



Safety

- Faculty led Medical informatics can help increase safety and reduce errors
- Provider Order Entry (POE) fully deployed for inpatients at JHH by end of 2007
- Continued evolution of the Electronic Patient Record (EPR)
 - Clinical Documentation & Results Reporting
 - Regional Patient Record Initiative



Science

- **Work with the Deans and Dept. Chairmen to support research strategies**
- **Work with researcher's to meet their Information Technology requirements**
- **CISSCI-Committee on Information Systems to Support Clinical Investigation Committee**
- **Provide Collaboration tools**
- **Focus on bandwidth and massive computational requirements**
- **Provide Database and systems support**



Security/Network

- Firewalls and intrusion detection
- Anti-virus services (including update services)
- Sophisticated and secure data centers
- Authentication Services
- Virtual Private Network (VPN)
- Institutional Information Standards Committee
- Comprehensive wireless coverage
- Internet2 and Gigabit connections



New Technologies: HopkinsOne

- **Simplification of financial and administrative systems environment for the University and Health System**
- **Consolidation of Resources**
- **Manager and employee self service**
- **Paperwork reductions**
- **More efficient and effective service**



New Technologies: Clinical Systems

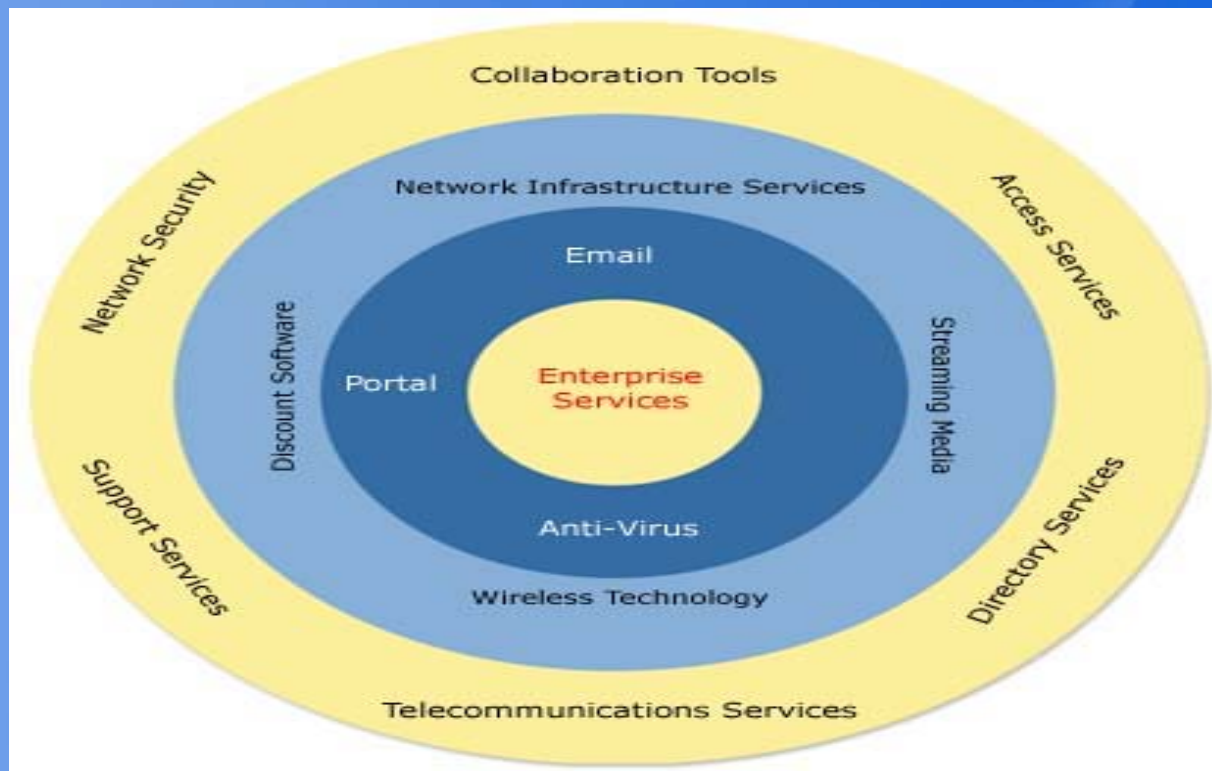
- Further Roll out of Provider Order Entry
- New development of Electronic Patient Record
- Implementation of new Anesthesia Data Record System
- Implementation of new Endoscopy system
- Implementation of new Echo system
- Implementation of new IVF system
- Implementation of new Microbiology system
- Implementation of new Ophthalmology Digital Photography system



IT@Johns Hopkins

How to learn more and to contact us:

it.jhu.edu



JOHNS HOPKINS
MEDICINE