UMBC Division of Information Technology (DoIT)

Strategic Planning Process

DoIT strives to provide innovative, efficient and effective IT services to support UMBC’s strategic priorities.

Campus Priorities

Administrative Excellence
- Leveraging REX to deliver information from data.
- Making applications easy to use and intuitive.
- Using technology to improve business processes.

Research and Scholarship
- Enabling computational research through HPC.
- Data Intensive processing.
- Digital Humanities.
- Collaboration and Information.
- Support and Software tools.

Teaching, Learning & Student Success
- Supporting faculty curricular innovation.
- Providing students with resources to support learning.
- Providing excellent technology support.
- Leveraging learner analytics.

Strategies

Business Process Improvement
- Expand Analytics Adoption
  - Shared Service Centers
  - Interactive Academic Planner (SB740)
  - Expand Mobile self-service options

Cloud Adoption and Cyber Security
- Internet2 NET+ Cloud Program
- Trusted Identity Management Program
- Implement Best Practices in Cyber
  - USM Collaboration Efforts

Research and Scholarship
- Implement CyberInfrastructure Plan
  - Support Digital Humanities Efforts
  - Collaborative Tools and Information
  - Partnerships with Deans and VPR

Instructional Technology & Support
- Faculty Training and Support
  - Outstanding IT Service & Support
  - USM Course Redesign and ATAC
  - UMBC Strategic Planning Goals
  - Collaborating with IMS & EDUCAUSE

Initiatives

- REX- Data warehousing
  - Replace ProClarity with Pyramid
  - Build more predictive measures
  - Enhance learning analytics
  - Workflow and e-forms for Shared Services
  - Evolve Mobile solutions for
    - Student self-service

- Evolve IDMS services to TIER
- Leverage NET+ for infrastructure
- Expand SIP service on campus
- Manage Risk, especially around PII
- Extend security model to cloud
- Legislative and USM Audits

- Enhance our HPC service to support more researchers
- Add ScienceDMZ to support research
- Nurture digital humanities efforts through support and collaboration
- Expand data storage

Partnerships

- CSEC & IT Steering
- Data Management Council
- IT Steering
- SB740 Committee
- USM PeopleSoft Managers
- Shared Services Advisory Committee
- UMBC Project Leadership Initiative
- Oracle and Blackboard

- USM ITCC, CSM, MEEC, and MDREN
- USM Security Managers
- CSEC & IT Steering
- Internet2 NET+ RAG
- InCommon & TIER
- REN-ISAC & EDUCAUSE

- UMBC Faculty CPC
- Internet2 & MAX
- SURA
- HPCf & CHMPR
- New Media Center
- Dell, Amazon, and IBM

- USM ATAC
- IMSGlobal & EDUCAUSE
- Classroom Committee & Provost
- FDC & Library
- Linda Hodges (FDC)
- Faculty Senate CPC
- Blackboard

Scalability & Sustainability