

IT Annual Report – 2012-2013

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Graduate Education by the Numbers visualization Drupal conversion of

- GHS
- GLC
- CSGS
- partial of main Graduate School site, collaboration with Marija (content)

Application work:

Openhouse (redesign)

Assistantship Contract Tool (update, new fees, bug fixes) GTA Workshop (minor updates, troubleshooting reported issues) Graduate Catalog (new features, bug fixes, assisting entry, archival) Commencement Card (app modification from cardswipe tool, setup) Feeds for digital signature tool & online application IM client for departmental use Tool for department to identify faculty able to serve on committees (catalog & non-VT database sources) Update of Active Directory Tools web interface (web based password reset) Batch Mailer (integration of custom lists and cheat sheet, attachments, send now or queue) Card Swipe app update (grad student or not for GLC front desk to replace manual printed reports) Final migration from grads.vt.edu to graduateschool.vt.edu Approved (non-VT) Faculty App (updated to use spreadsheet edited by GAAPS) Conversion of most apps from PID authentication to CAS based (university preference)

Testing on

- FAQ tool
- inter-departmental file sharing replacement (ownCloud)
- Drupal modules for website implementation (many)
- workstation applications for 64bit and windows 7 compatibility
- Systems Center Configuration Manager (cursorly initial work for virtualizing workstation applications, migration of antivirus management, computer inventory)

Systems work:

Transition to NAS for UNIX servers

Transition to new employee workstations

Implementation of mondopad for 244 meeting space Implementation of conference room video conference, interface, and computing (bridged last FY) Implemented physical/digital security for employee workstations (encryption/padlocks) Implemented fully encrypted communications with windows server infrastructure Log analysis (windows servers, unix servers, website, workstations) Group Policy management for workstation operation Incident handling of reported computer infections (primarily mobile users in GLC) Several iterations of 120 computing based on feedback & experimentation with new technologies On boarding support of new employees (roughly 6-12 annually, most part time)

Other

Event setup (video conference, GTA attendance, GLC support, Multipurpose room assistance for IGSS, GSSO, Recruiting) Support for GLC digital signage (it bears mentioning only due to time

consumption) Successful IT audit (internal audit) Successful audit of "printer security" (internal audit)