EMORY
LIBRARIES &
INFORMATION
TECHNOLOGY

IT Briefing

February 20, 2014

North Decatur Building

4th Floor Auditorium

IT Briefing Agenda

- Office 365 Update
- NAC Update
- Security Update

- Jay Flanagan
- Alan White
- Derek Spransy

Jay Flanagan
Manager, Messaging Team, Infrastructure

Office 365 Update

O365 Moves

Archiving Update

Questions?

Alan White
Architecture and Security, Infrastructure

NAC Update

NAC

- NAC: Network Access Control
- Unregistered devices redirected to a web portal
- Posture checks for Windows and Mac
- Mobile devices are automatically registered
- Similar to NetReg/CAT

NAC – Where are we now?

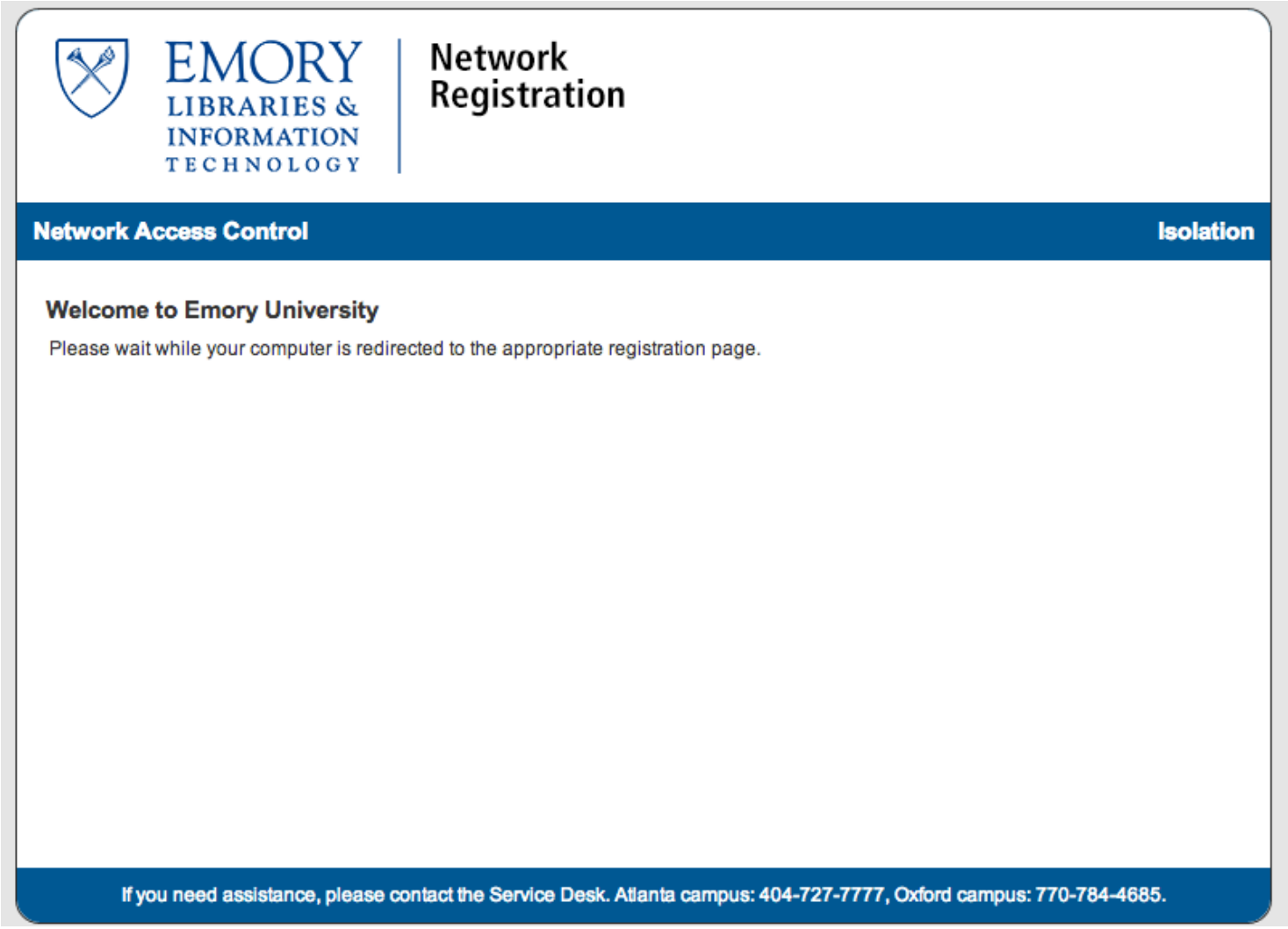
- Initial ResNet rollout backed out due to a bug in Aruba code
- Aruba 6.1.3.10 fixed the bug

- Successful implementations (EmoryUnplugged):
  - 1762 OIT Space (10/15/13)
  - NDB (11/19/13)

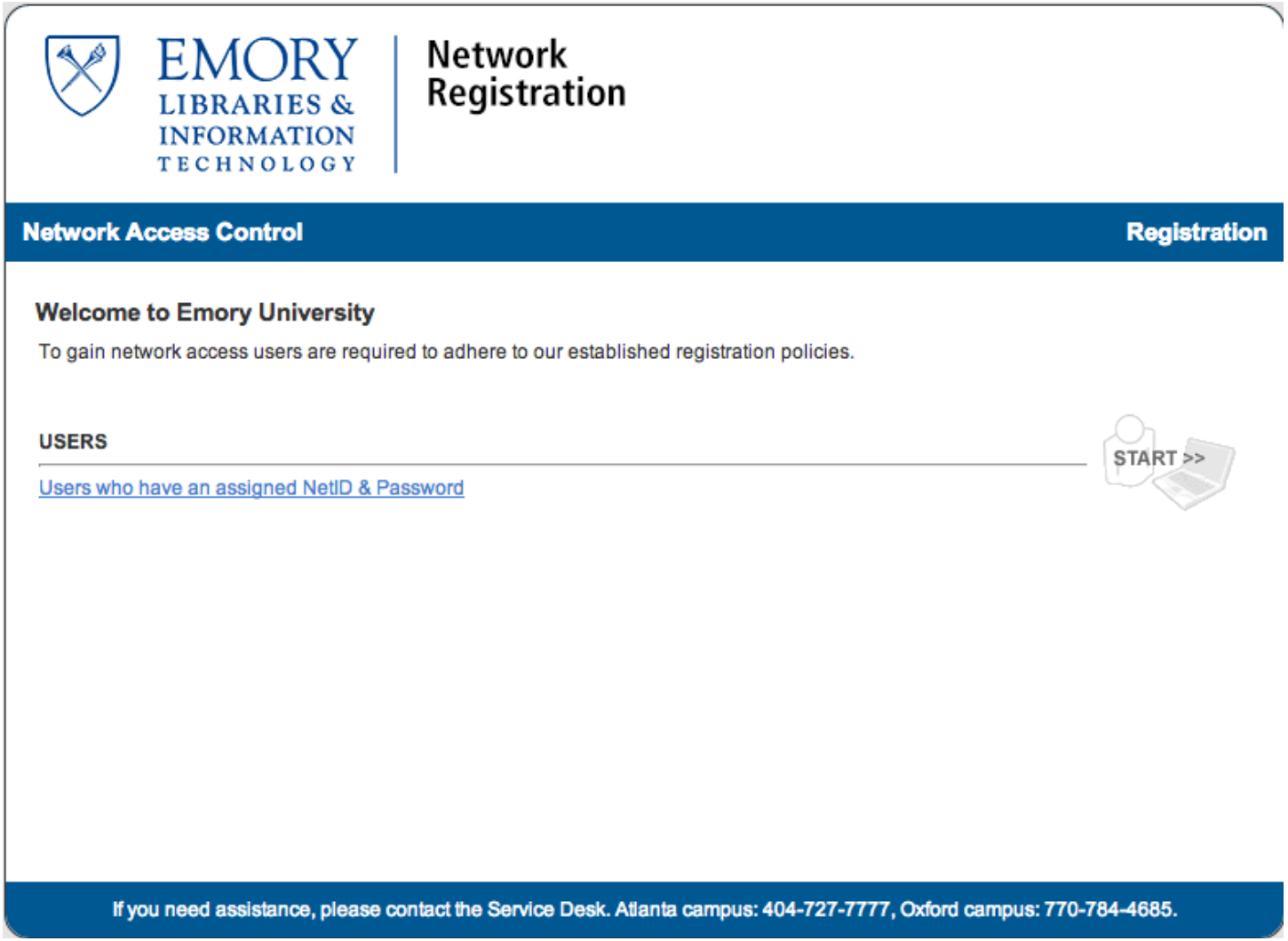
NAC – Future Implementations

- WML EmoryUnplugged only (3/11/14)
- ResNet (~5/14/14)
- All of EmoryUnplugged
- Other wireless and wired networks

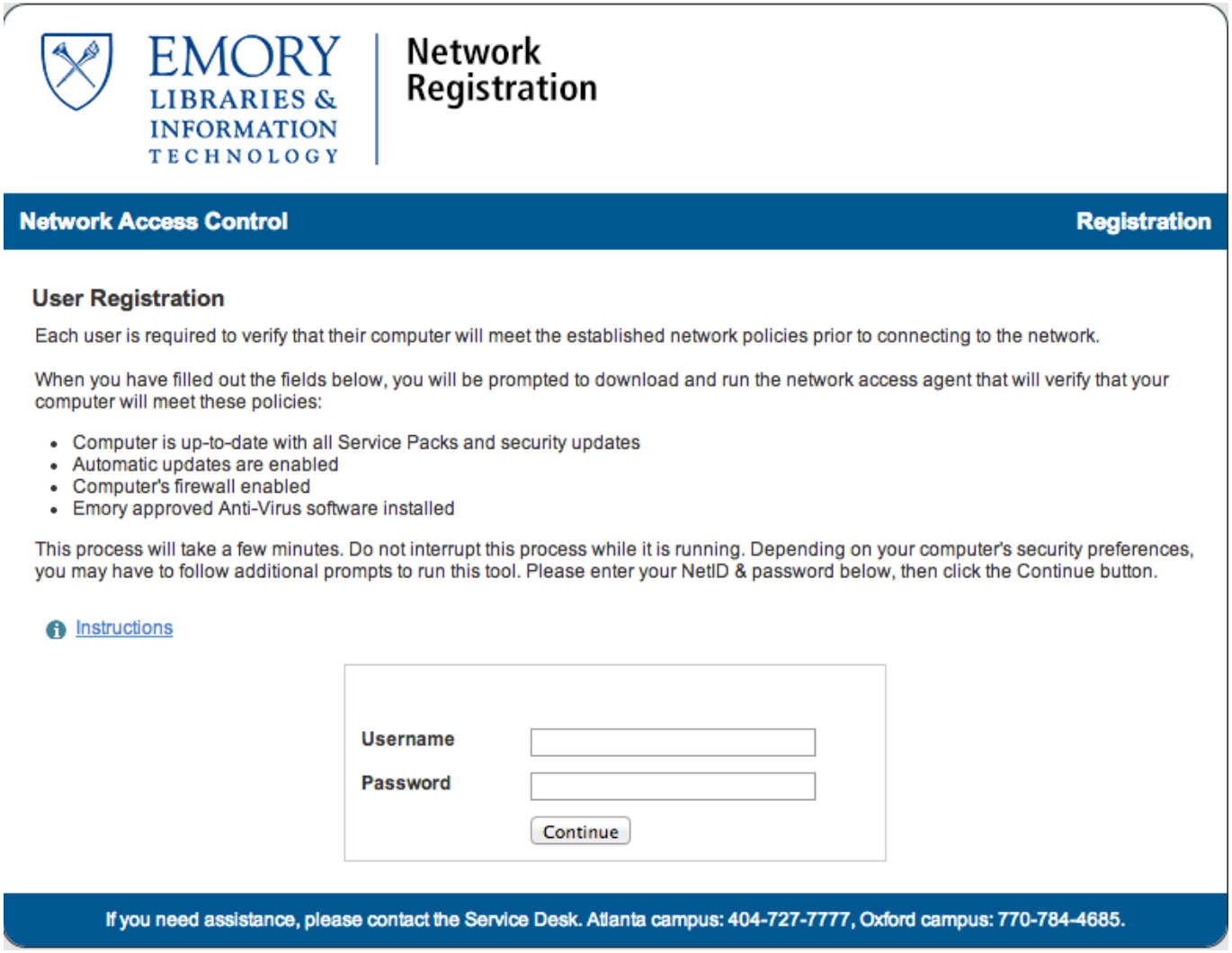
The Client Experience



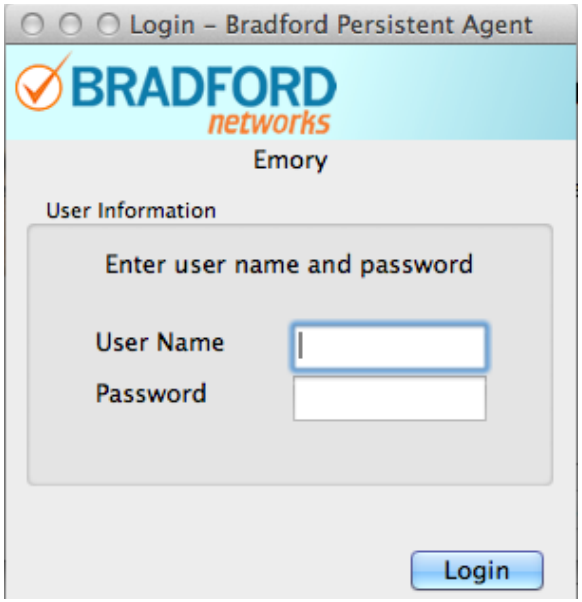
The Client Experience



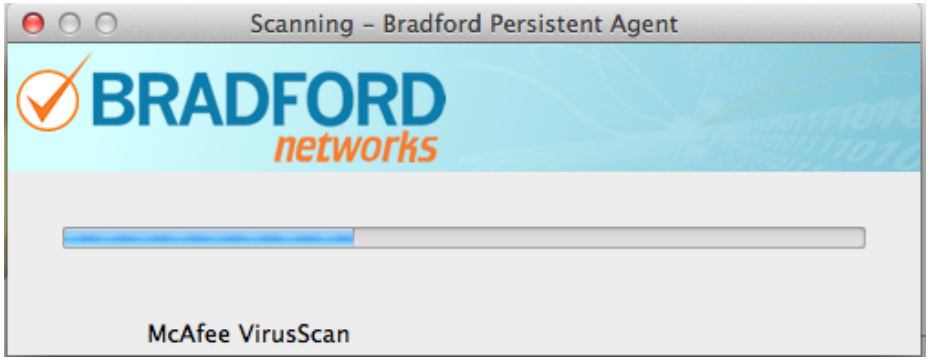
The Client Experience



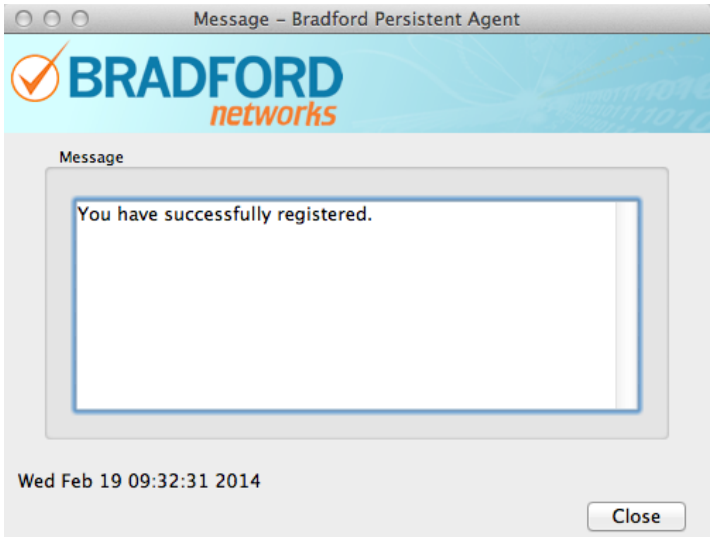
Persistent Agent



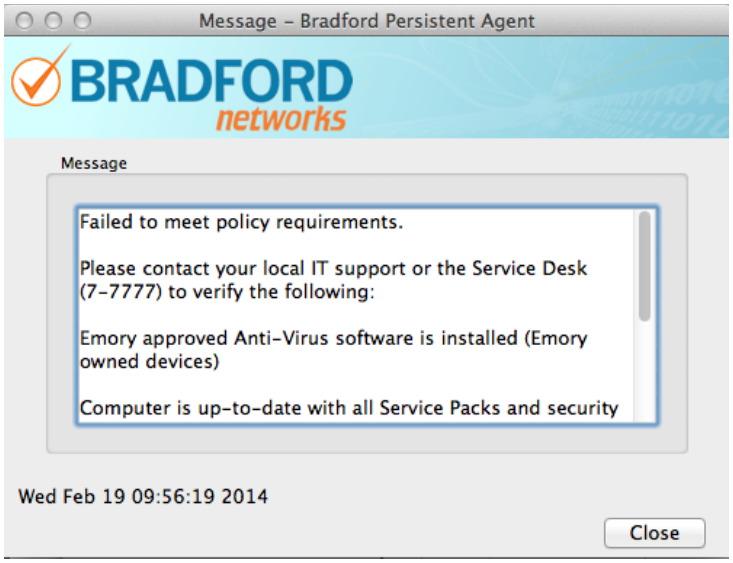
Scanning

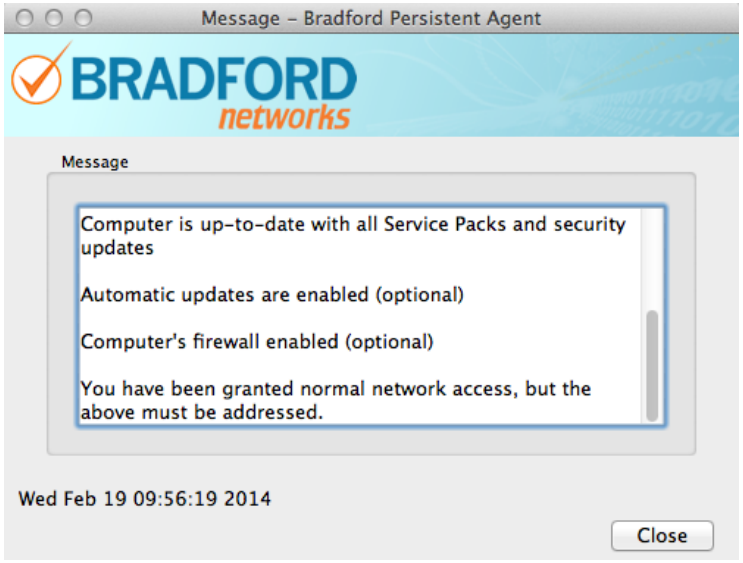

Scanning – Bradford Persistent Agent
BRADFORD
networks
McAfee VirusScan

Passed Scan


Message – Bradford Persistent Agent
BRADFORD networks
Message
You have successfully registered.
Wed Feb 19 09:32:31 2014
Close

Failed Scan


Message – Bradford Persistent Agent
BRADFORD networks
Message
Failed to meet policy requirements.
Please contact your local IT support or the Service Desk (7-7777) to verify the following:
Emory approved Anti-Virus software is installed (Emory owned devices)
Computer is up-to-date with all Service Packs and security
Wed Feb 19 09:56:19 2014
Close


Message – Bradford Persistent Agent
BRADFORD networks
Message
Computer is up-to-date with all Service Packs and security updates
Automatic updates are enabled (optional)
Computer's firewall enabled (optional)
You have been granted normal network access, but the above must be addressed.
Wed Feb 19 09:56:19 2014
Close

Mobile Devices

- Automatically registered
- No agent required

Common Problems

- Hard coded DNS
- Browser Cache
- Computer not compliant

NAC

Derek Spransy
Information Security Specialist, Enterprise Security

Security Update

Bitlocker Project

- A project is underway to evaluate replacing PGP with Bitlocker and MBAM.
- The expanded PoC is now in progress.
- We expect to wrap up PoC testing in mid-March, and make a decision about moving forward with MBAM/BitLocker

MIR Deployment

- MIR is a platform for detecting and responding to advanced threats
- MIR was used during our July-September 2013 incident
- Emory has acquired our own MIR instance
- Existing agents will automatically check-in with our MIR implementation

MIR Deployment

- We ask that everyone continue to deploy the MIR agent on new and existing systems
- There is a new version of the agent that we'll make available shortly
- Note that MIR cannot be deployed as part of an image without taking special steps

Security Update

Thank you for coming!