

IT Infrastructure Upgrade

Status Report to the Baruch College Faculty Senate

March 3, 2022

Arthur Downing, VP for Information Services & Dean of the Library

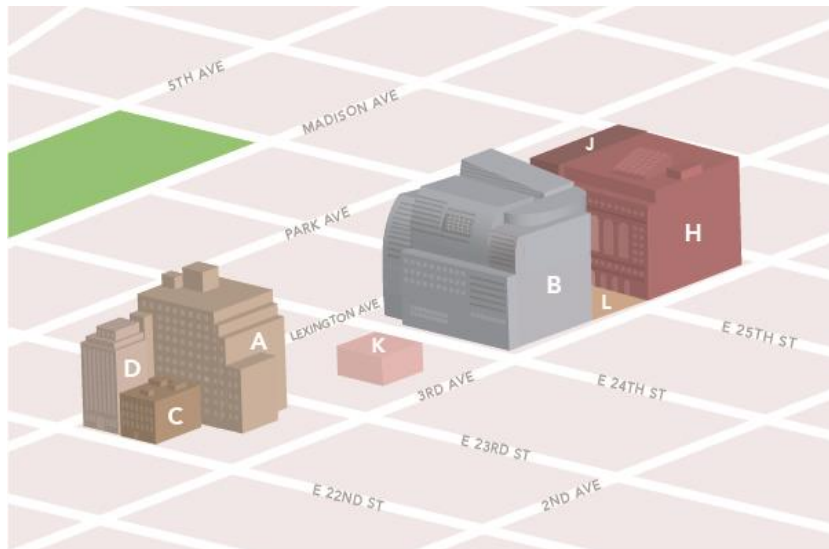
Challenges

- Pre-Pandemic Backlog
- Scale + Time Frame
- Supply Chain – Lead times, availability, uncertainty
- Staff Availability– Both In-House and External Contractors

End-to-End Network Upgrade

- New cable in all buildings – 17 Lex to be completed by April
- All new WiFi Access Points (789)
- New firewall (completed)
- New Storage Array (due to arrive by May)
- 2nd Point-of-Entry into Campus

Network Switches – 189 across 7 Buildings



- A** The Lawrence and Eris Field Building at
17 Lexington Avenue (at 23rd St)
- B** The William and Anita Newman Vertical Campus
One Bernard Baruch Way (55 Lexington Avenue)
- C** Newman Hall
137 East 22nd Street
- D** Administrative Building
135 East 22nd Street
- H** Information and Technology Building
151 East 25th Street
- J** 137 East 25th Street
- K** Allen G. and Mary E. Aaronson Student Center
24th Street near Lexington Avenue
on the South street side (lower level)
- L** The Clivner-Field Pedestrian Plaza
25th Street between 3rd Avenue and
Lexington Avenue

A. Field Building (24) - Classrooms, science labs, lecture halls, and administrative offices.

B. Newman Vertical Campus (94) – Classrooms, computer labs, Performing Arts Center, Athletic Center, faculty offices, conference center, student support services, student club and organization offices.

C. Newman Hall (4) – Real Estate Department, classrooms, lecture hall, and faculty offices.

D. Administrative Building (13) – Marxe School of Public and International Affairs, Mishkin Art Gallery, Human Resources, Offices of the President, Provost, Administration and Finance, and College Advancement.

H. Information & Technology Building (46) – Main computing lab, library, conference center, student services, financial services center, classrooms, public safety, and the College's data center.

J. Annex (6) – Honors Program, Schwartz Communication Institute, Study Abroad, Weissman Center for International Business, Wasserman Center for Jewish Studies, and the Office of Sponsored Programs and Research.

K. Aaronson Student Center (1)

General Classroom Upgrades

- New lectern computers
 - Faster login
 - CPUs due by April / Monitors due in June
- New Projectors
- New Cameras

HyFlex Classrooms

- Equipped to support HyFlex Instruction
 - Goal = 28
 - 14-245 & 12-150 due to be completed on March 3
 - Next: 14-230, 235 & 240
 - 2 Tracking Cameras
 - Microphone array in ceiling
 - Multiple 65" displays and 75" interactive display
 - New lectern control panel
 - Dedicated media support staff
 - Preparing (electrical & cabling) for next group of rooms (15)



Other Improvements

- Single Set of Credentials
- Move Email from on-premises to the cloud
- Faculty Laptop (optional docking station / monitor)
- New Staff
 - Help Desk Assistants
 - LMS (Blackboard) Assistant
 - Media Technicians
 - Unified Communications Manager

Q and A