

COMPUTER LAB OF  
THE FUTURE, PHASE 2

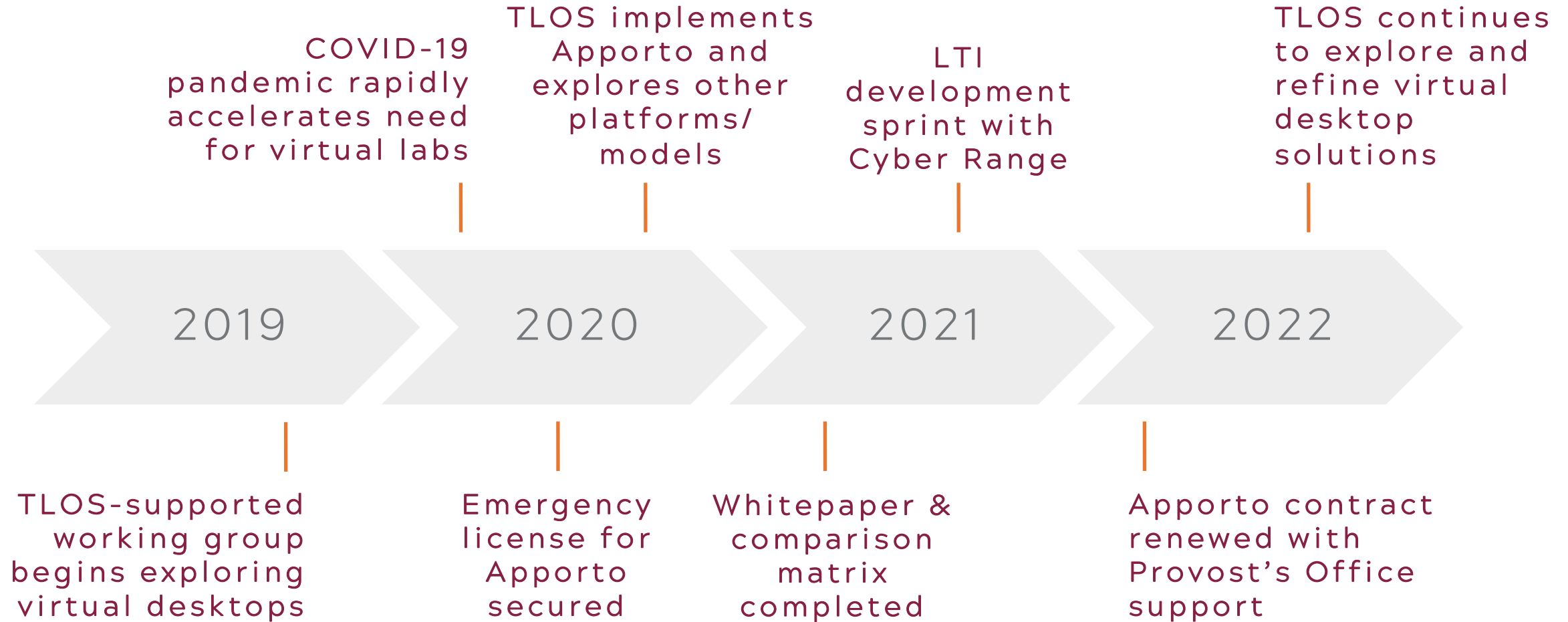
GARY BURNS & QUINN WARNICK  
TLOS

OCTOBER 18, 2022





# BACKGROUND & CURRENT STATUS



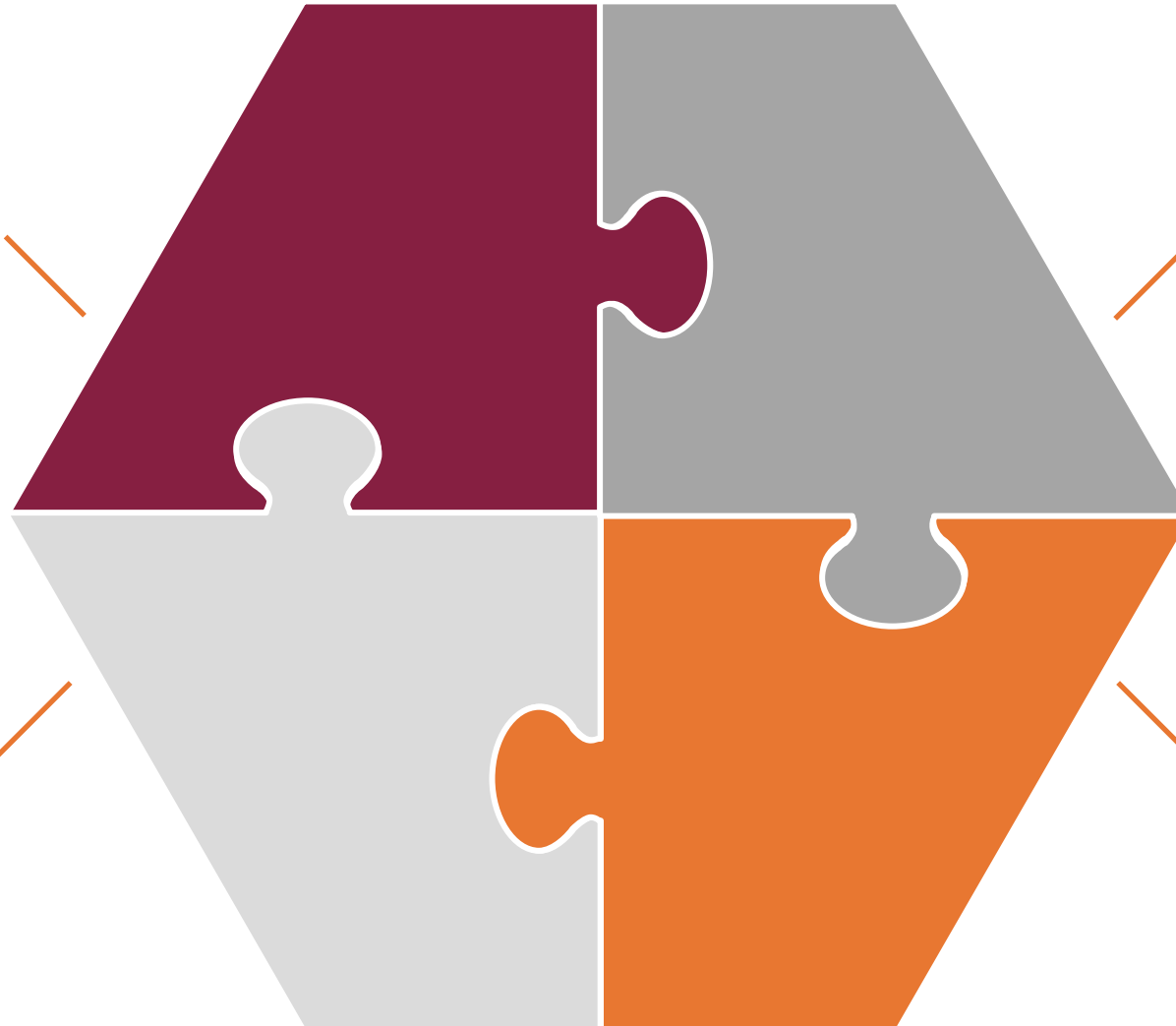
# CHALLENGES TO BE ADDRESSED

UNVEVEN USAGE  
OF PHYSICAL  
COMPUTER LABS  
ACROSS CAMPUS

LIMITED  
AVAILABILITY OF  
SPECIALIZED  
HARDWARE AND  
SOFTWARE

EVOLVING STUDENT  
EXPECTATIONS,  
INFORMED BY THE  
COVID-19 ERA

NEW AND UNMET  
REQUESTS FOR  
SQUARE FOOTAGE  
ON CAMPUS



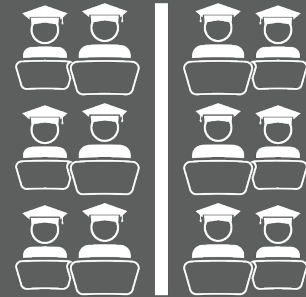


# POTENTIAL BENEFITS OF VIRTUALIZATION

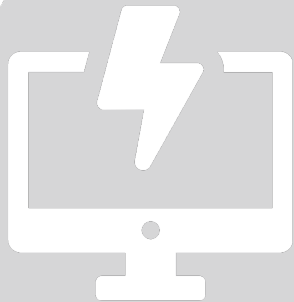
Reduced  
Software  
Licensing  
Costs



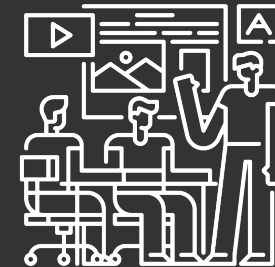
Expanded  
Student Access  
to Computing  
Environments



Reduced  
Support/  
Maintenance  
of Physical  
Labs



Reimagined  
Uses of  
Existing  
Physical  
Labs



# ENVISIONING THE FUTURE OF LAB SPACES













## BALANCING PHYSICAL AND VIRTUAL LABS

Physical computer labs will continue to be needed for specialized hardware, software, and teaching activities.

With 2+ years of experience/data on virtual computer labs, now is an ideal time reassess Virginia Tech's physical lab footprint.

Lab owners and managers across campus could ask, "Are we making the most effective use of this space?"





# WE NEED YOUR HELP!

Next phase of the Computer  
Lab of the Future initiative:

Facilitate a campus-wide  
conversation about physical  
computer labs.



# FIRST STEP:

Develop an accurate inventory of physical computer labs on the Blacksburg campus:

<https://forms.gle/Zkmk7RNK3dMP7ds86>

# Virginia Tech Physical Computer Lab Inventory

The Division of IT's "Computer Lab of the Future" initiative includes a campus-wide inventory of physical computer labs. This inventory will help us better understand the number, size, and usage of computer labs across campus. Please complete this form for each computer lab you manage/support.

If you don't have precise answers for every question, you can estimate or leave some responses blank.

Questions about this form should be directed to Gary Burns: [gburns1@vt.edu](mailto:gburns1@vt.edu)

Computer Lab Location (Building and Room Number) \*

Your answer

Number of Computers

Your answer

Operating System(s) Installed

Your answer

┌  
QUESTIONS?  
READY TO START A  
CONVERSATION?

Gary Burns: [gburns1@vt.edu](mailto:gburns1@vt.edu)

Quinn Warnick: [qwarnick@vt.edu](mailto:qwarnick@vt.edu)

