Housekeeping

- Keep your microphone on mute
- Use the chat box to ask questions.
  - Questions will be answered at the end of the presentation.
- Meeting is being recorded.
- Recording will be posted on carolinakey.sites.unc.edu under For IT Leads
# Agenda

<table>
<thead>
<tr>
<th>Topic</th>
<th>Presenter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Why Carolina Key is important</td>
<td><strong>Paul Rivers,</strong> Chief Information Security Officer</td>
</tr>
<tr>
<td>What is Carolina Key?</td>
<td><strong>Alex Everett,</strong> Information Security Operations Manager</td>
</tr>
<tr>
<td>How Carolina Key Works</td>
<td></td>
</tr>
<tr>
<td>Technical: Enable Windows Hello for Business and Always on VPN</td>
<td><strong>David Eckert,</strong> Director of Managed IT Services</td>
</tr>
<tr>
<td>Timeline and templates for communicating with your faculty and staff</td>
<td><strong>Alex Everett,</strong> Information Security Operations Manager</td>
</tr>
<tr>
<td>Questions</td>
<td></td>
</tr>
</tbody>
</table>
WHY CAROLINA KEY

Paul Rivers
The beginning of our passwordless future

CAROLINA KEY
WHY?

Carolina Key is an opportunity for a more secure and more convenient sign-in experience.

Carolina Key leverages two-factors and replaces DUO for many uses today and more in the future.

Carolina Key is based on a Public Key Credential Standard.

Carolina Key is optional.
“My registration for Carolina Key went very smoothly. I was already using Windows Hello for Business. Carolina Key will save me a lot of time throughout each workday.”
WHAT IS CAROLINA KEY? HOW IT WORKS

Alex Everett
Password + DUO vs Carolina Key

DEMO

Registration and Authentication
HOW?

Relies upon Public Key Cryptography

Supports non-biometric options such as PIN

Use of website address bar or relying party info for registration and authentication
PASSKEY

New technology

Solves the problem of needing to register all of one's devices individually

Uses your cloud account to store protected data

Introduces some new risk with vendor cloud accounts and stolen devices
What are common support issues?

KNOWN ISSUES

• Save button
• Cannot be used to login to Microsoft 365 except via Windows Hello for Business
• Windows Hello for Business not pre-configured
• Delay in using Windows Hello for Business due to AD.UNC.EDU connectivity issues
• Deprovisioning/Expiration
• Browser behaviors can differ
• Future steps to secure accounts
ENABLING CAROLINA KEY FOR WINDOWS DEVICES ENROLLED IN ACTIVE DIRECTORY

David Eckert
CAROLINA KEY
ENABLING STEPS

• Always On VPN
• Enable Windows Hello for Business
• Setup PIN or Biometric
Enabling Steps

DEPLOY ALWAYS ON VPN
• Improves the customer experience
• View slides from Patrick Murphy for more detailed information and how to instructions

ENABLE WINDOWS HELLO FOR BUSINESS (WHFB)
• Required step
• Carolina Key enrollment and use is dependent
• How to is on the For IT Leads page

SETUP PIN OR BIOMETRIC
• Completed by the user of a device
• Setup and enrollment steps published on help.unc.edu
TIMELINE AND COMMUNICATING WITH YOUR FACULTY AND STAFF

Alex Everett
IMPORTANT DATES

• November 3, 2022 - Students
• April 17, 2023 – Faculty & staff
• Summer 2023 – ITS campaign begins to faculty & staff
Resources

• How you can learn more

  • Word Document with Communications Plan named ‘Recommended Communications for Rolling Out Carolina Key to Your Unit’
  • Document on Always On VPN
  • Carolinakey/sites.unc.edu and webauthn.sso.unc.edu
  • Test your Yubikey: https://demo.yubico.com/webauthn-technical/registration
QUESTIONS?