



Keeping College of New Caledonia Connected: Lessons Learned in Our Wired Ethernet Upgrade

April 30th, 2019

College
of New
Caledonia
CNC

Presenters:

Brian Burke, Network Administrator at College of New Caledonia

Brian Burke has been working in IT for 11 years, 10 of which have been with the College of New Caledonia.

Alex Chin, Network Technician at College of New Caledonia

Alex Chin is a Technical Systems Analyst at the College of New Caledonia, who facilitates the installation and maintenance of network hardware.

Benjamin Dlin, Territory Account Manager for Western Canada at Ruckus Networks

Benjamin Dlin is the “quarterback” for all Ruckus requirements, assisting with special “Education” pricing, procurement, etc.



AGENDA:

- ***Introduction***
- ***History***
 - How did we get here?
- ***Issues***
 - What happened?
 - Impact to user experience
- ***Evaluation***
 - How did we test?
 - Why Ruckus?
- ***Current Project State***
 - Where are we today?
- ***Future***
 - Next steps?

Q & A



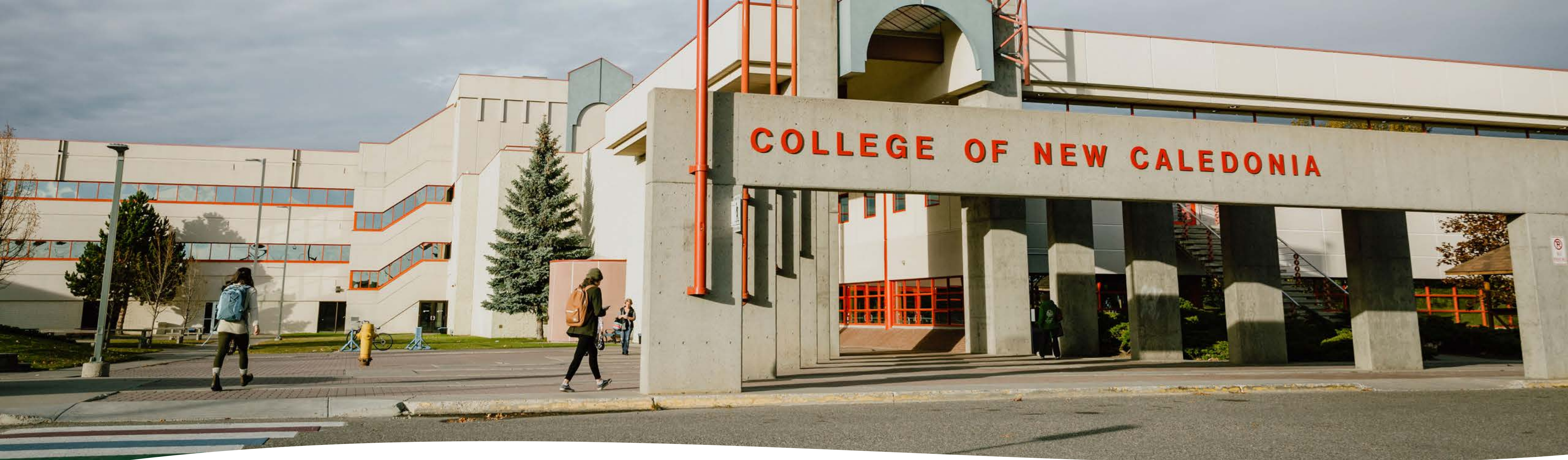
INTRODUCTION:

Located in beautiful Prince George,
B.C. in a landscape where utilities
like power can be less than reliable

~5,000 students

6 campuses





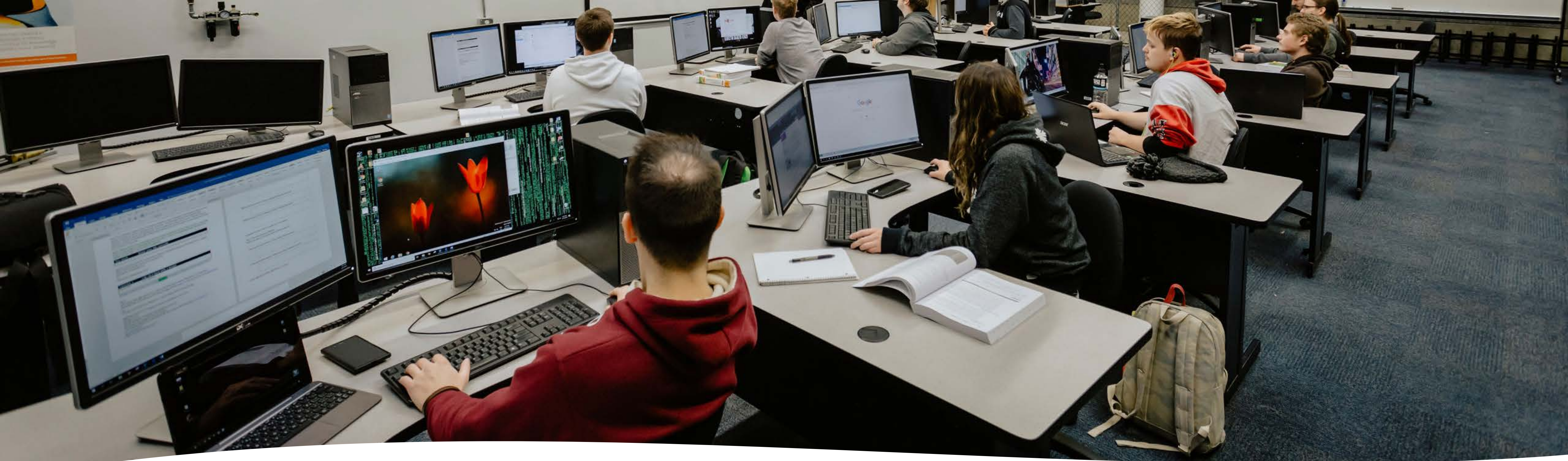
History of Switches

- Switch replacement project started ~5 years ago
- Desperate need to replace Avaya
- Went with HP, as price was great



Issues Experienced

- Power issues with HP switches (POE) during “brown-out” periods
- IT “headaches”



Evaluation Process

- Last year, started evaluation process to replace all switches on all campuses
 - **JUNIPER** → different platform and too much time/effort to learn
 - **DELL** → performed well, but...
 - **RUCKUS** → identical CLI to Brocade fleet, management software, no “re-training” required, current configs



Current Project state

- **STAGE 1** → Replacing all switches at the main PG campus with Ruckus ICX 7150's
- **STAGE 2** → Replacing all regional campus HP switches with Ruckus ICX 7150's

What does the
future look like...



Q & A

*****COME VISIT RUCKUS @ BOOTH G 10*****

