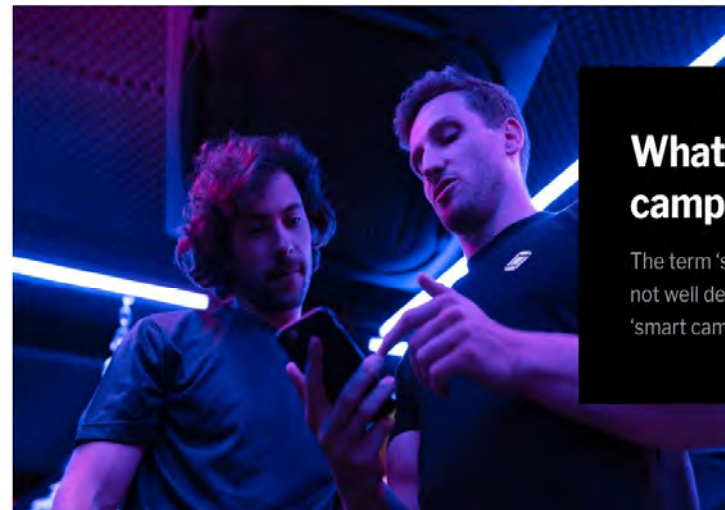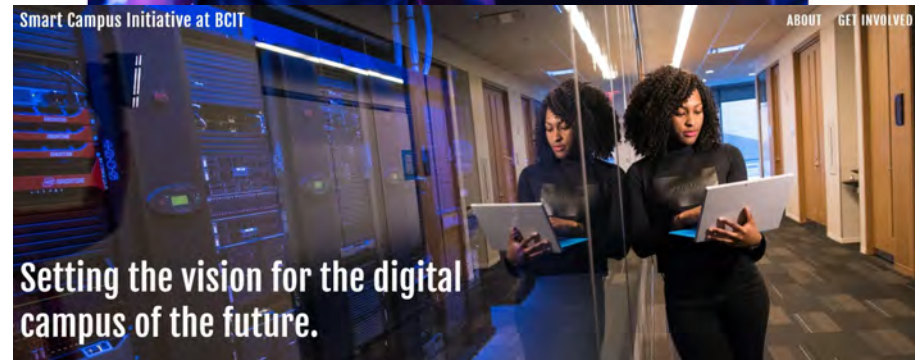# BCIT SMART CAMPUS STRATEGY – YEAR 1

- Articulate Vision Statement

- Imagine User Scenarios

- Conduct Smart Maturity Assessment

- Create Plan of Action
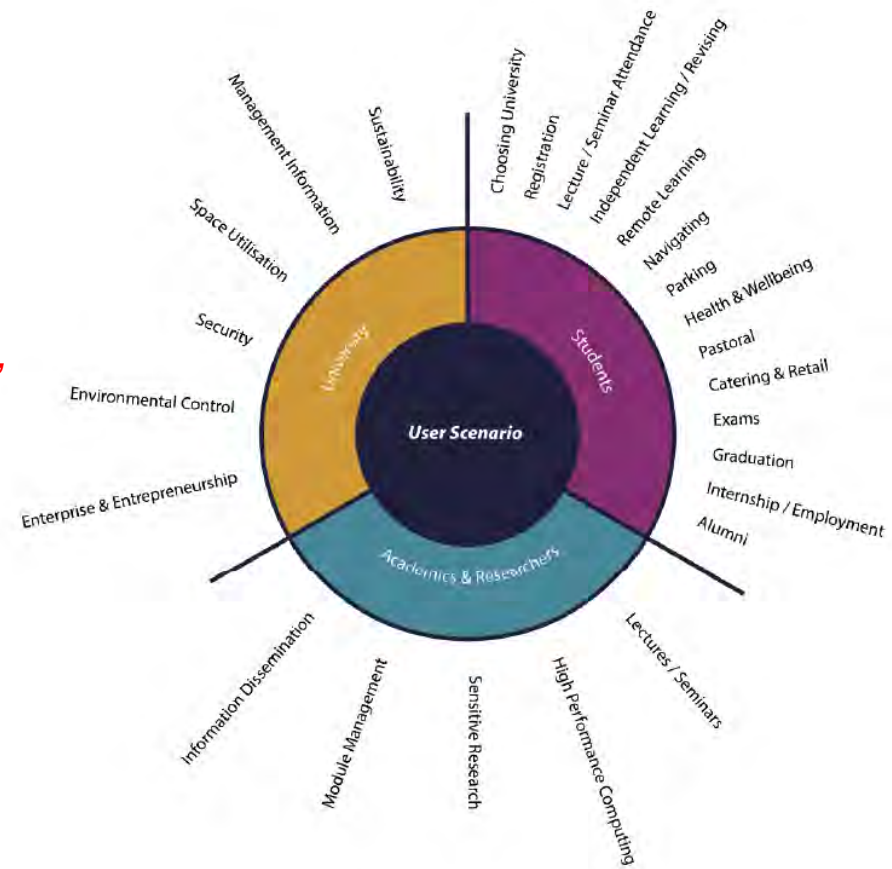
- Build Long-Term Roadmap

- https://www.smartcampusbcit.ca/

What is a smart campus?

The term 'smart campus' is broad and not well defined. We shed light on what a 'smart campus' could be.

Smart Campus Initiative at BCIT   ABOUT   GET INVOLVED

Setting the vision for the digital campus of the future.

—
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SMART CAMPUS EXPERIENCE / ENGAGEMENT

- Technology Supporting People

- Pan-Institutional Reach

- Communication / Collaboration

"It takes me 45 minutes to find a parking spot"

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SMART CAMPUS CONSIDERATIONS

- Cybersecurity and Privacy

- Industry Partnerships

- Long-Term Funding

- Digital Twins

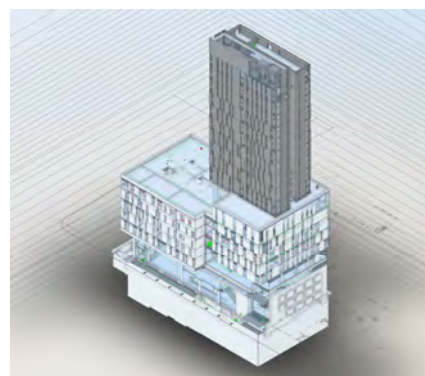A single source of truth for all enabled by IIoT technology

The MindSphere Smart City App gives Expo's organizers a single-pane-of-glass view into metrics from the entire Expo infrastructure – and for some subsystems, even the capability to control them. From management to operations to security, stakeholders use actionable data, for example, to identify sustainability drivers and track KPIs.

Siemens technology, IIoT sensors, and a host of 3rd party systems form the app's IIoT smart city framework with its unprecedented volume, variety, and velocity of data. An inventive custom IoT agent connects its subsystems. Scalable and secure, this agent runs on any platform, OS, and hardware and is reusable with minimal or no changes in code.

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https://www.bcit.ca/centre-digital-transformation/

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SMART CAMPUS RESOURCES / CASE STUDIES

https://fuseforward.com/case-studies-testimonials/ryerson-university

https://www.cio.com/article/305785/dubai-smart-campus-taps-iot-integration-for-efficiency-sustainability.html

https://edtechmagazine.com/higher/article/2019/12/how-arizona-state-university-built-smart-campus-perfcon

https://ssc.hkust.edu.hk/

https://pam.co/university-technology-sydney/

https://www.bbc.com/storyworks/future/today-is-the-future/connected-deakin

https://bowiestate.edu/about/news/2020/smart-campus-solutions-emerge-from-capstone-project.php

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