CyberReady™

Cyber Security Assessment for
Commercial Real Estate
https://cyberreadyassessment.com/

The Opportunity for Buildings

As buildings become more connected, the risks associated with the theft of data grows. Corporations need a way to assess and evaluate the cyber risks of their physical locations. CyberReady™ provides a comprehensive assessment of the building or portfolio of buildings, and a score that can be used as an underwriting tool, and benchmark moving forward. It can also serve as a budget allocation tool, a reporting tool to show the c-suite and board the security awareness of the buildings, and a check on remote workforce vulnerabilities.

Cyber Risk Management Ecosystem
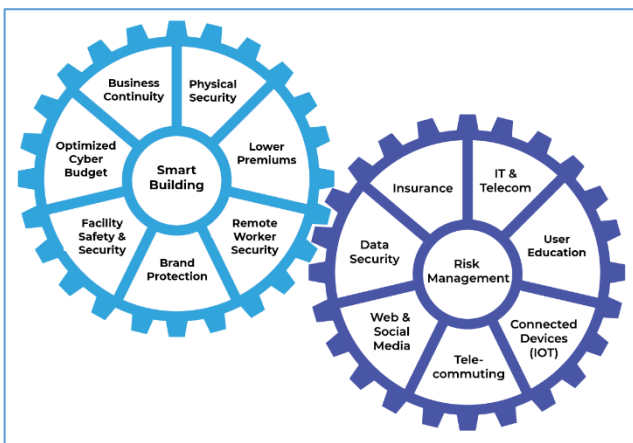
The Problem

In a competition to decrease operating costs, especially utility and maintenance bills, gain more convenience and now provide healthy and safe environments, buildings strive to enhance automation and technology interface. At the cost of cyber risks. Following marketing appeal and social trends, office space users and home owners must also address and protect their data privacy.

Cybercrime is Increasing and changing

The expanding threat landscape and new business innovation is leading to an increase in cyberattacks. Forbes reports a 51% rise in cyberbreaches from 2018 to 2019. The average cost of cybercrime for an organization increased $1.4 million to $13 million in 2019 according to Accenture.

Targets, impact and techniques are also evolving. Information theft is the most expensive and fastest rising consequence of cybercrime. But core systems, such as industrial controls and Internet of Things. are being increasingly hacked : attacks on IoT devices tripled in the first half of 2019 (CSO online).

Attacking data integrity—or preventing data toxicity—is the next Frontier. Finally, cybercriminals are also adapting their attack methods by targeting the human layer—the weakest link in cyber defense – through increased ransomware, phishing and social engineering.

The Solution
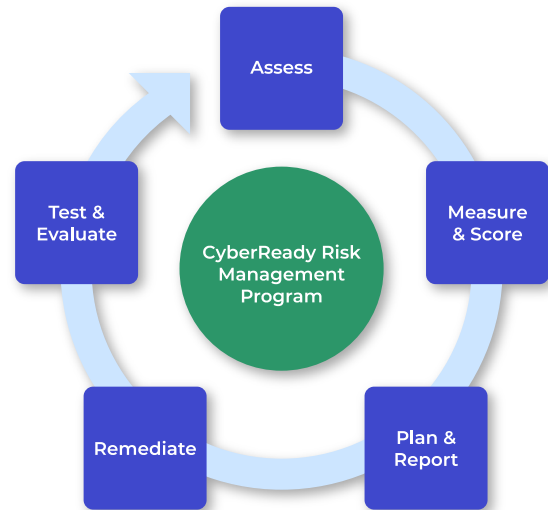
A holistic risk assessment, based on leading security frameworks (GDPR, ISO, NIST, FIPS, FISMA), that allows an organization to easily assess the risk exposure of their buildings, portfolios infrastructure and operations across three critical areas – Physical, Behavioral, and Technical. In a continuous improvement approach, the subscription-based assessment analyzes 12 attributes and provides an overall score for the building or the portfolio. It can be perfomed through a **CyberFull™** exercise which includes a site visit and a gap analysis, or through **CyberLite™** which is an abbreviated form of CyberFull delivering a"snapshot" of building vulnerabilities.

SmartBuilding™ for building managers, risk managers, c-suite executives, and board members to oversee their cyber risks at the building or building portfolio level.

Our full suite of assessments and services includes:

SmartOffice™ https://cyberreadyassessments.com/smartoffice

SmartLease™ https://cyberreadyassessments.com/smartlease

SmartHotel™ https://cyberreadyassessments.com/smarthotel

SmartInsure™ https://cyberreadyassessments.com/smartinsure

SmartHome™ https://cyberreadyassessments.com/smarthome

SmartRemote™ https://cyberreadyassessments.com/smartremote

The Team

Michael Savoie, PhD has been involved in cybersecurity for over 25 years. He has worked on cybersecurity programs for the US Departments of Energy and Defense, and National Security Agency. He developed the algorithms on which CyberReady™ is based in 2012.

Noëlle Brisson FRICS, MAI, has an international career in commercial real estate and operational reviews, focusing on valuation and underwriting and portfolio asset management where data quality, reliability, protection and governance are essential.