

Cyber Security

Capstone Project Problem Statement

Capstone Project: Comprehensive Business Continuity

Categories	Threats,
System Events	unencrypted data, malware, third party services that aren't secure
Internal Events	cultural shift, Data That Has wrongly Been Manipulated, physical damage to hardware
External Events	customers retention, cannot attain gain, competitors core advantage
Acts of Nature	Ongoing risks from remote work

Ransomware is malware designed to deny a user or organization access to files on their computer. By encrypting these files and demanding a ransom for the decryption key, cyber attackers put organizations in a position where paying the ransom is the easiest and cheapest way to regain access to their files.

TORNADO, an open source/public cyber threat intelligence platform, fights back. TORNADO is an analytics tool capable of gathering critical information from the deepest layers of the Internet and making it available to government agencies, commercial companies, and healthcare organizations.

SQL injection is a technique that attackers use to gain unauthorized access to a web application's database by adding a string of malicious code to a database query. SQL injection (SQLi) manipulates SQL code to provide access to protected resources, such as sensitive data, or to execute malicious SQL statements.

A third-party security breach occurs when sensitive data is stolen from a third-party vendor, or when their systems are used to access and steal sensitive information stored on your systems. In today's connected economy, companies rely on third parties.

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