

# PROTECTING YOUR DATA FROM CYBER PIRATES

Key Steps to Cyber Security

*Executech*

# ABOUT EXECUTECH

- IT Services With a Personal Touch
- 80+ Certified Technicians
- No Contracts
- Most Awarded IT Firm in Utah

*Executech*

# WHAT IS RANSOMWARE?

# PENETRATION TESTING



# SUGGESTED SECURITY SCHEDULE

AREA	CONTROL
<b>User Administration</b>	New user access and changes to existing user access are approved by management via documented requests to IT personnel.
	Terminated user access is removed upon notification from management via documented request to IT personnel.
	User access is reviewed quarterly by IT Personnel and management.
<b>Security Configuration</b>	Password parameters are set to the following: Minimum of 8 complex characters Lockout after 5 bad attempts History of last 10 passwords not allowed Password Expiration after 100 days Screensaver lockout after computer has been idle for 15 minutes
	Network has existing firewall. All rules have been documented and have a business justification. Rules are reviewed every 6 months.
<b>Data Retention</b>	Management maintains a back up log to evidence review and completion of nightly backups
	Daily backups are sent off site via online data transfer to online or offsite backup provider.
	All data is replicated and mirrored in real time to a dedicated backup server.
	The server room is equipped with a door lock and inventory of authorized keys. Only authorized employees have access to the server room.
<b>Physical Security</b>	Adequate cooling systems exist for servers and network equipment in the server room.
	Each server is equipped with a battery which operates in the event of a power outage. Building power generators exist and operate in the event of a power outage.
	Adequate fire suppression system exists

# CSIO (Chief Security Information Officer) REVIEW



# INTERNAL BREACH DETECTION

*Executech*

# SPAM WITH GEO-BLOCKING

# BLOCKING EMAIL FROM YOURSELF??





FIREWALLS  
INTRUSION PREVENTION SYSTEM  
DYNAMIC BLACKLIST

*Executech*

# SOCIAL ENGINEERING FOR YOUR TEAM

*Executech*

# CLOUDFLARE



**CLOUDFLARE**®

# SOPHOS INTERCEPT X

The logo features the word "INTERCEPT" in white, bold, uppercase letters. A large, stylized "X" is superimposed over the text, with the left and right strokes in white and the top and bottom strokes in orange.

**SOPHOS**  
Security made simple.



# LEARN MORE ABOUT SECURING YOUR BUSINESS

Visit [executech.com](https://www.executech.com)

Call 801.253.4541

*Executech*