SPADE SECURITY CONSULTATIONS INC.

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PHYSICAL SECURITY

- For our physical security option we recommended a fingerprint reader with pin, and a retinal scan for the best combination of security.

- Retinal Scan: With users who will be given access, there retina will be uploaded to a database. That is later used to verify and confirm the user.

- Fingerprint Reader & 6 Digit Pin Code: For this option the users who want access will have to meet both fingerprint criteria and enter a six-digit pin code.
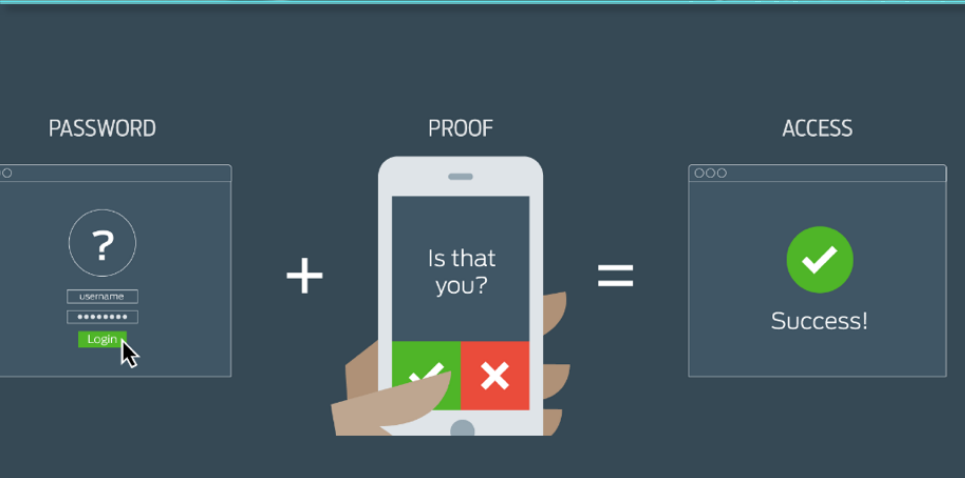
PHYSICAL SECURITY OPTION #2

- For our second option, we also recommended a 3-In-One Biometric package.

- This Package includes:

  - RFID card Reader

  - Fingerprint scanner

  - Face Recognition Technology

MULTI FACTOR AUTHENTICATION

- Our Multifactor Authentication consists of the following:

    - User Is prompted to enter username and Confirm a phone number that has already been set up in orientation.

    - User will receive 6-Digit SMS Code

    - Once Correct Code is Entered, The User will be asked to enter their Password

    - If Correct Password is Entered, the User will be allowed access

- Another option is A pin enabled doorknob that will only accept the pin that is displayed on the user's phone.

LOGICAL SECURITY OPTIONS

- **For logical security we have decided to implement a username and password for each user**

  - **There will be a required 8-character minimum password for each**

  - **We would also enable account lockout and password complexity features**

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Policy	Security Setting
Enforce password history	0 passwords remembered
Maximum password age	42 days
Minimum password age	0 days
Minimum password length	0 characters
Password must meet complexity requirements	Enabled
Store passwords using reversible encryption	Disabled

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USER EDUCATION & CONTENT

- For User Education we have a detailed PowerPoint and Knowledge Checks to Ensure that ALL Employees understand the importance of Security in the Workplace.

- This will include all the steps necessary to set-up and maintain these security options

- This presentation will be mandated for everyone who will use or have access to this security system.

- This PowerPoint will also be played in Orientation to all new members that will have access of the system.

ANTI-VIRUS SOFTWARE RECOMMENDATION

- This will be considered our first line of defense against attacks.

- This will scan company computers for possible malware and virus attacks.

- This software has been around for a while and has been proven reliable and efficient.

RECOMMENDED DATA DESTRUCTION POLICY

- For data destruction we recommend the following options.

- For magnetic hard drives we recommend degaussing, this will expose drives to a strong electromagnetic field that will permanently delete all data so it cannot be re-used or accessed.

- For sold state drives we recommend that you use a Secure Erase Utility, then physically destroy the drives to ensure the safety of data.

THE END!!

Are there any questions?