



CMMC

ACCESS CONTROL

Only the Right Eyes on the Right Data.

Access Control is about making sure the right people have access to the right information and that no one else does. It defines who can see, change, or share sensitive data in your business systems. Think of it as digital key control for your company's and customer's most valuable information.

Proof of Practice

Examples

- ✓ **Access Control Policy**
Defines how access is requested, approved, reviewed, and removed; includes separation of duties, privileged account use, and remote access requirements.
- ✓ **Folder Permissions Screenshot or Export**
Shows who has access to CUI folders or file shares, what level of permission each user or group holds, and confirms least privilege is enforced.
- ✓ **Firewall / VPN Configuration Screenshot**
Displays system settings proving remote access is limited to authorized users, protected by VPN and MFA, and logged for monitoring and audit purposes.

The Business Impact

Access control isn't paperwork, it's protection. If the wrong person can see or move CUI, your company becomes the weak link in the mission chain. Locking down access proves your discipline, defends the warfighter's data, and earns the DoD's trust.

Available Resources

- 📖 **NIST SP 800-46 Rev. 2 – Guide to Enterprise Telework, Remote Access, and BYOD Security**
<https://csrc.nist.gov/pubs/sp/800/46/r2/final>
- 📖 **CISA Zero Trust Maturity Model (v2.0)**
<https://www.cisa.gov/zero-trust-maturity-model>
- 📖 **pfsense - Open Source Firewall**
<https://www.pfsense.org/>
- 🛒 **Microsoft Entra ID**
<https://www.microsoft.com/en-us/security/business/identity-access/microsoft-entra-id>
- 🛒 **Cloudflare Zero Trust**
<https://www.cloudflare.com/zero-trust/products/access/>

Quick Wins

- 👤 1. Validate no shared or generic accounts exist
- 👑 2. Ensure admin accounts aren't used for daily duties
- 🔍 3. Review CUI access to confirm least privilege.
- 📶 4. Separate guest Wi-Fi from corporate networks
- 🔑 5. Secure remote access with VPN and MFA