NIST 800-171 CHECKLIST

1 – SCOPE

☐ Identify the people, processes, and technology that support your business

2 – GAP ANALYSIS

☐ Identify your current documentation posture

    ☐ Have you specified and properly documented the activities and procedures that make up your company's control environment?

    ☐ Do you review documents on a regular basis to make sure they are up to date and accurate?

☐ Identify your current control environment posture

    ☐ What is the organization's governance structure?

    ☐ What are the executive leadership and management tone and example?

    ☐ Have you designed and implemented hiring and exit procedures?

    ☐ What are the executive leadership and management tone and example?

    ☐ How are personnel who are implementing or directing internal controls evaluated for competency?

    ☐ Are possible threats being identified?

    ☐ Have you put any mitigating plans in place?

    ☐ Do you have a protocol for dealing with incidents and a disaster recovery plan in place?

    ☐ What kind of management supervision and governance do you have in place for your control the environment and reporting events, security problems, and fraud?

☐ Identify your current security environment posture

    ☐ Do you have access limited to positions that need it, with the appropriateness of the access? given being reviewed on a regular basis?

    ☐ Do you have policies in place for giving and taking away access from workers, customers, and other parties?

    ☐ Do you encrypt data while it's in transit and while it's at rest?

    ☐ Do you impose restrictions on administrative access to the technological stack?

☐ Identify your current risk mitigation environment posture

    ☐ Have you conducted vulnerability assessments or penetration testing regular basis to detect weaknesses in your environment?

    ☐ Do you have backup processes in place?

    ☐ Do you test your disaster recovery procedures on a yearly basis to guarantee that you can restart operations in case of a calamity?

    ☐ Do you regularly check for intrusion attempts, system performance, and availability?

☐ Identify your current system changes environment posture

    ☐ Are system modifications tested and authorized before they are implemented?

    ☐ Do you inform your employees about system changes?

    ☐ Are your controls being monitored on a regular basis?

    ☐ Have you enabled notification of settings changes?

    ☐ Is your technology up to date in terms of upgrades?

    ☐ Do you have a system in place for separating development and production tasks?

☐ Identify your current remote working environment posture

    ☐ Is technology being used uniformly across all employee locations?

    ☐ Do you provide staff with regular security awareness training, address data privacy in common spaces, use secure connections while working from home, and raise awareness of phishing attempts?

    ☐ Do you use multifactor authentication to get into your company's network and other systems?

    ☐ Have you deployed mobile device management to make sure that mobile devices are encrypted and authenticated?

3 – PLANS OF ACTIONS AND MILESTONES (POAMs)

☐ Document your POAMs based on your gap assessment

4 – CONTROL IMPLEMENTATION

☐ Design the controls to address your gaps
☐ Implement controls to address your gaps

☐ Test the controls to ensure that they are operating effectively.

5 – SELF – ATTEST READY

☐ Identify the internal auditor
☐ Initiate kick-off to set expectations

☐ Grant them access to TrustCloud

☐ Self-Attest via TrustCloud

6 – MAINTENANCE

☐ Maintain the program to show continuous compliance via TC integrations