

CPCSC Compliance Readiness Assessment

(CPCSC / NIST 800-171 Aligned)

15% of organizations pass NIST 800-171 assessments on their first attempt

Prepare for CPCSC Level 1 or Level 2 compliance with a structured, defensible readiness assessment aligned to CPCSC and NIST SP 800-171. Plurilock evaluates your current state, identifies gaps, and delivers a prioritized remediation roadmap with audit-ready documentation.

What You Receive

- CPCSC Readiness Assessment Report mapped to CPCSC Levels and NIST 800-171
- Gap Analysis with risk-based prioritization
- System Security Plan (SSP) review or draft
- Plan of Action & Milestones (POA&M) with remediation tracking
- Executive summary and stakeholder briefing

Approach

- Scope definition and stakeholder alignment
- Control assessment across people, process, and technology
- Gap analysis and risk prioritization
- SSP and POA&M validation or development
- Reporting and executive briefing

Assessment Domains

- Governance and Policy
- Access Control and Identity Management
- Asset and Configuration Management
- Data Protection and Encryption
- Logging, Monitoring, and Detection
- Vulnerability and Patch Management
- Incident Response and Security Operations

- Business Continuity and Backup
- Physical Security
- Third-Party Risk

Level of Effort & Staffing

- Typical duration: 2–3 weeks
- Estimated effort: 120–200 hours
- Staffing model:
 - 1 Security Architect (Lead)
 - 1–2 Security Consultants

Tools & Platforms

- Microsoft Purview / Defender (if applicable)
- Splunk or equivalent SIEM
- Endpoint Detection & Response (EDR) platforms
- Documentation and evidence review tools
- Client-provided systems and security tooling

Engagement Options

- **Tier 1:** CPCSC Level 1 Readiness Assessment
- **Tier 2:** CPCSC Level 2 Readiness Assessment
- **Tier 3:** Full Readiness + Remediation Support



Client Requirements

- System and environment overview
- Existing policies and documentation (if available)
- Access to key stakeholders
- Prior assessments (if available)

Who This Is For

- Organizations in defence, aerospace, manufacturing, technology, or professional services
- Suppliers handling Specified Information for the Government of Canada
- Companies required to meet CPCSC Level 1 or Level 2
- Organizations aligning CPCSC with NIST 800-171 or CMMC efforts

Readiness, not surprises. Evidence, not assumptions.
Schedule your CPCSC compliance readiness assessment today

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Contact Us

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Advanced cybersecurity and Zero Trust
Security assessments and consulting
IT products and solutions
Professional services
Managed services

Plurilock Services

Zero Trust

Design and implementation of zero trust architectures (ZTAs)

Data Protection

Protection of intellectual property and digital assets

Identity and Access Management

Design, implementation, and integration of complete identity and access management (IAM)

Public Key Infrastructure

Design and implementation of modern public key infrastructure (PKI) deployments

Offensive Security

Security assessments and tests with a hacker mindset

Penetration Testing as a Service (PTaaS)

Managed service providing continuous penetration testing to rapidly surface emerging vulnerabilities

Data Protection as a Service (DPaaS)

Managed data protection service to operate DLP and insider threat capabilities as a service

Emergency Support

Immediate, cross functional team for urgent and high impact IT and cyber problems



Selection of current and past customers that can be publicly represented