



Proposal: Microsoft Teams Security Hardening

For Leonardo DRS Canada

Prepared by Cloudstrucc Inc.



Executive Summary

Leonardo DRS Canada, a leading defence contractor and critical service provider for the naval electronics segment, operates under the stringent requirements of the **Controlled Goods Program (CGP)** governed by **Public Services and Procurement Canada (PSPC)**, as well as other government and international compliance frameworks.

To continue delivering secure, compliant, and mission-critical capabilities, Leonardo DRS must ensure its internal collaboration platforms align with:












- Government of Canada cybersecurity standards (e.g., **ITSG-33**, **ITSG-22**)
- International frameworks such as **ISO/IEC 27001**, **NIST 800-171**
- **Controlled Unclassified Information (CUI)** guidelines
- Defense Industrial Base Cybersecurity Program (DIB CS)
- **NATO Security Standards** for classified and restricted information

This proposal outlines how Cloudstrucc will implement a **Microsoft Teams security hardening initiative** that transforms Teams into a **fully end-to-end encrypted, CGP-, NIST-, and NATO-aligned collaboration environment**. This includes integration of multi-factor authentication, advanced threat protection, data loss prevention, customer-managed encryption keys, and **network isolation using Azure Private Endpoints and Microsoft Teams service tags**.

These enhancements prevent data from traversing the public internet and allow for strict control over Microsoft 365 traffic by restricting access to approved IPs and virtual networks — a critical control mechanism for defence sector compliance.

The end state will position Leonardo DRS Canada with a secure, modern, and scalable Teams collaboration platform — aligned with its goals of standardizing digital communication while ensuring end-to-end compliance with both national and international security regulations.

Scope of Work

-  Enforce MFA for guest/external access (Entra ID)
-  Prevent meeting link forwarding abuse
-  Configure Sensitivity Labels, DLP, and Information Barriers
-  Integrate Customer Key (CMK) and private DNS endpoints
-  Enable Safe Links/Attachments in Teams
-  Configure Azure Private Endpoints with Microsoft 365 service tags
-  Isolate Teams traffic from the public internet
-  Implement Purview audit and retention policies
-  Setup Defender for O365 & XDR dashboards
-  Deliver internal documentation and run KT sessions
-  60-day support period + optional support extension

17 Duration and Phasing

Project Duration: 30 to 60 Calendar Days

Phase	Duration	Milestone	Outcome
Phase 1	Week 1	Kickoff & Assessment	Identify gaps and current posture
Phase 2	Weeks 2–3	MFA + Meeting Policy Hardening	Guest MFA, Meeting Access Restrictions live
Phase 3	Weeks 3–4	Security Layering (CMK, DLP, Labels)	Policies and encryption applied
Phase 4	Weeks 5–6	Audit, Testing, and Training	Audit setup, team trained, docs delivered

Phase	Duration	Milestone	Outcome
Final	Day 60	Handover & Review	All systems in place, support begins



Implementation Cost Estimate (CAD)

Starting from the week of **July 7, 2025**, estimated due dates are projected based on a 60-day delivery schedule.

Item	Description	Estimated Cost (CAD)	Estimated Due Date
Discovery & Assessment	Initial audit, kickoff, stakeholder alignment	\$4,000	July 11, 2025
Conditional Access & MFA Setup	Configure policies, guest restrictions	\$5,000	July 18, 2025
Meeting & Collaboration Hardening	Meeting options, lobby, link lockdown	\$4,500	July 25, 2025
DLP, Sensitivity Labels, IBs	Purview config, segmenting, rollout	\$6,000	August 2, 2025
CMK & Private Endpoint Support	Azure setup, encryption config	\$6,500	August 9, 2025
Audit, Defender XDR Integration	Logging, detection, incident setup	\$3,500	August 16, 2025
Documentation & Knowledge Transfer	Wiki + live walkthroughs	\$3,000	August 23, 2025
Support (60 days)	Response, tuning, questions	\$2,500	September 6, 2025
Total Estimate (pre tax)		\$35,000 CAD	
Grand Total with HST		\$39,500 CAD	

Optional extension at \$125/hr support block (min. 10 hrs)

Payment Terms

The total amount indicated in this proposal, including applicable taxes, shall become payable upon completion of the scope of work as outlined herein. Final payment shall be due within thirty (30) days of the client’s written confirmation of acceptance and sign-off of the completed deliverables. For greater certainty, such acceptance shall not be unreasonably withheld. This agreement shall be governed by the laws of the Province of Ontario and the federal laws of Canada applicable therein.

Licensing Requirements (CAD Pricing)

To implement the described security hardening, Leonardo DRS Canada will require the following licensing tiers:

Microsoft 365 Licensing (CAD)

License Tier	Features Required	Estimated Monthly Cost (CAD/user)
Microsoft 365 E5	DLP, Sensitivity Labels, Defender, CMK support	~\$57
Microsoft Teams Premium	Advanced meeting protection, watermarking, lobby control	~\$18

Notes

- E5 licensing is required for full Purview and Defender integration.
- Teams Premium enables advanced meeting security such as watermarking, lobby isolation, and end-to-end encryption policy enforcement.
- Minimum quantity and enterprise agreements may affect pricing.

Appendices (Expanded)

Appendix A: Detailed Microsoft Teams Security Checklist

- MFA enforcement for guests/internal staff
- Meeting policies & Teams Premium configurations
- Teams DLP and sensitivity label mappings
- CMK encryption and key rotation policy
- Azure Private Endpoint and DNS integration
- Use of Microsoft 365 Service Tags for Teams isolation
- Compliance test criteria (CGP/NIST/ITSG/NATO)

Appendix D: Compliance References

- Government of Canada ITSG-33 / ITSG-22
- Controlled Goods Program (CGP)
- ISO/IEC 27001
- NIST 800-171 / CUI
- NATO Restricted Information Protection Standards
- Microsoft Compliance Center (Purview)

