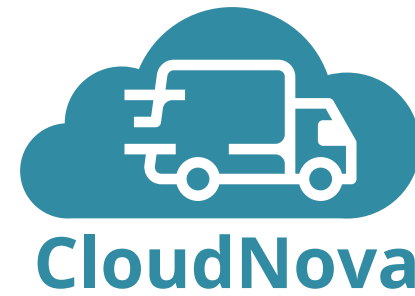# CloudNova

CYBERSECURITY ASSESSMENT REPORT (NIST CSF PROFILE)

This document is a simplified version for technical portfolio demonstration purposes, focusing on strategic structure and alignment with COBIT, ISO, or ITIL frameworks.

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Company name: CloudNova Logistics
Document type: Relatório de Avaliação de Cibersegurança (NIST CSF Profile)
Reference Framework: NIST CSF v1.1 / v2.0

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● Introduction

This report presents an assessment of CloudNova Logistics' cybersecurity posture, mapping current capabilities against the NIST framework, with a view to achieving operational resilience against supply chain disruptions.

● Evaluation Methodology

The assessment was divided between Current Profile and Target Profile, assigning maturity scores from 1 to 4 (NIST Tiers) for each of the five main functions.

● Análise pelas 5 Funções do NIST

Identify:
- Status: Mapping of critical assets completed, but detailed inventory of Shadow IT is missing.
- Action: Implement automatic cloud asset discovery tool.

Protect:
- Status: Strong identity protection (MFA in 90% of the company). Role-based access controls (RBAC).
- Action: Expand encryption for data in transit across the entire logistics network.

Detect:
- Status: Critical Point. Anomaly detection is manual and relies on basic logs.
- Action: Implement a SIEM solution or hire a SOC (Security Operations Center).

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● **Analysis by the 5 Functions of NIST**

Respond:
- Status: There is a response plan, but it has never been tested (simulated).
- Action: Conduct tabletop exercises with leadership for ransomware scenarios.

Recover:
- Status: Backups performed daily, but RTO (Recovery Time Objective) is considered high for the business.
- Action: Optimize the Disaster Recovery Plan (DRP) with a focus on rapid restoration.

Maturity Summary (Scorecard)

NIST FUNCTION	CURRENT MATURITY	TARGET	GAP
Identify	3.0	4.0	-1.0
Protect	3.5	4.0	-0.5
Detect	2.0	4.0	-2.0
Respond	2.5	4.0	-1.5
Recover	3.0	4.0	-1.0

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● Conclusion and Next Steps

The priority focus for the next semester will be the Detect function. The lack of real-time visibility poses the greatest risk to CloudNova Logistics' business continuity.

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● **Disclamer**

This document represents a fictional case developed for professional and educational purposes and does not reflect any real organization.