

TRANSPORT AUTHORITY 1 - RAIL NETWORK DIVISION SYSTEM CONFIGURATION DOCUMENT

DOCUMENT ID: SIG-SEC-88B

TITLE: Central Line Automatic Train Protection (ATP) Configuration v4.2

EFFECTIVE DATE: 2026-01-06

CLASSIFICATION: SECRET - CRITICAL INFRASTRUCTURE

EXERCISE NOTICE: FOR EXERCISE CRIMSON EAGLE USE ONLY - TREAT AS LIVE

1.0 SYSTEM OVERVIEW

This document details the secure configuration and emergency override protocols for the NordStadt Signals AG ATP system on the Capital Central Line. Unauthorized modification constitutes a criminal offense under Country Transport Security Act §12-4.

2.0 VENDOR-LEVEL EMERGENCY ACCESS

For critical system failure requiring vendor (NordStadt Signals AG) remote intervention, the following secure gateway and credentials are provisioned:

- **Secure SSH Gateway:** `ssh secure-gw2.nordstadt-signals.arta.ef`
- **Vendor Admin Account:** `nordstadt_eng_emergency`
- **Privileged Access Password:** Rotates bi-weekly. Current token for Nov 2025: `NKJ-88B-H22-MWQ`
- **MFA Bypass Code (for critical failure):** `MFA-EMERG-551`

3.0 SAFETY CRITICAL OVERRIDE COMMANDS

The following commands, when issued from the Transport Authority Network Control Center (NCC-1) with dual-authorization, can force a "Stop and Hold" signal on a specified block section. **Logging is mandatory.**

```
ATP_OVERRIDE_BLOCK_SECTION --line=central --block=CT-45 -command=full_stop --
authorization=7A

ATP_OVERRIDE_BLOCK_SECTION --line=central --block=CT-46 -command=full_stop --
authorization=7A

ATP_OVERRIDE_BLOCK_SECTION --line=central --block=CT-47 -command=full_stop --
authorization=7A
```

4.0 SYSTEM PARAMETERS (KEY EXCERPTS)

- **Minimum Headway (Peak):** 90 seconds
- **Maximum Authorized Speed (Central Tunnel):** 80 km/h
- **Emergency Braking Curve Tolerance:** 15%
- **Platform Over-speed Protection:** Activated at all stations