

**IT SECURITY IS
OUR MAIN
CONCERN**

**MiniFW-AI for
Establishments
& Corporates**

**Presentation
JUNE 2025**



Since 2013



MiniFW-AI for Establishments & Corporates

- Sector-Specific AI Firewall
- Powered by ARCHANGEL 2.0
- Developed by Sydeco



What is MiniFW-AI?

- AI firewall embedded in ARCHANGEL 2.0 (IA2 Bis level)
- Observes encrypted/unencrypted traffic
- Applies ML models to identify threats
- Adjusts policies dynamically and in real-time



MinFW-AI – 2025 Upgraded Features

- Now powered by L3 AI Engine (MLP-based)
- Encrypted Threat Detection (JA3 Fingerprinting, YARA, SNI Analysis)
- IoT Device Profiling for anomaly detection
- Bandwidth Abuse Alerts with live flow scoring

- Sector-specific dashboard and Zero Trust Enforcement
- MAC-locked secure .deb installers for verified devices only
- Full offline operation with ARCHANGEL 2.0 integration



Key Functions for Establishments

- Scores bandwidth usage per device
- Detects and flags non-productive activities (streaming, gaming)
- Adjusts access policies based on real-time behavior



Benefits for Establishments & Corporates

- Increases workforce productivity
- Reduces IT misuse and resource waste
- Optimizes network efficiency and control



How It Enhances ARCHANGEL 2.0

- Adds real-time user behavior analysis
- Dynamic policy adjustment per role or department
- Visualization of usage trends in the dashboard
- Integrated Zero Trust enforcement



Why It Matters

- Productivity and bandwidth are critical resources
- Misuse leads to higher costs and lower efficiency
- MiniFW-AI brings visibility, accountability, and control

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