

**IT SECURITY IS
OUR MAIN
CONCERN**

MiniFW-AI for Government Agencies

**Presentation
JUNE 2025**



Since 2013



MiniFW-AI for Government Agencies

- 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 in the Government Environment

- Detects foreign DNS queries and unusual external communication
- Blocks unauthorized cloud uploads and data leaks
- Enforces strict segmentation between departments



Benefits for Government Agencies

- Preserves national data sovereignty
- Blocks espionage and infiltration attempts
- Controls and monitors internal data movement



How It Enhances ARCHANGEL 2.0

- Adds AI-based behavior detection
- Applies sector-optimized security logic
- Reinforces segmentation and zero-trust policies
- Offers real-time analytics and policy enforcement



Why It Matters

- Government systems face constant cyber threats
- Data leaks can harm national interests
- MiniFW-AI enables smart, adaptive, and autonomous defense

Contact Us



+62 (274) 880 827



+62 821 2288 7796



info@syde.co



www.syde.co



Jl. Gabus Raya 21, Minomartani
Ngaglik, Sleman
Yogyakarta, Indonesia 55581

