

**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




MiniFW-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
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- 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

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- 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

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

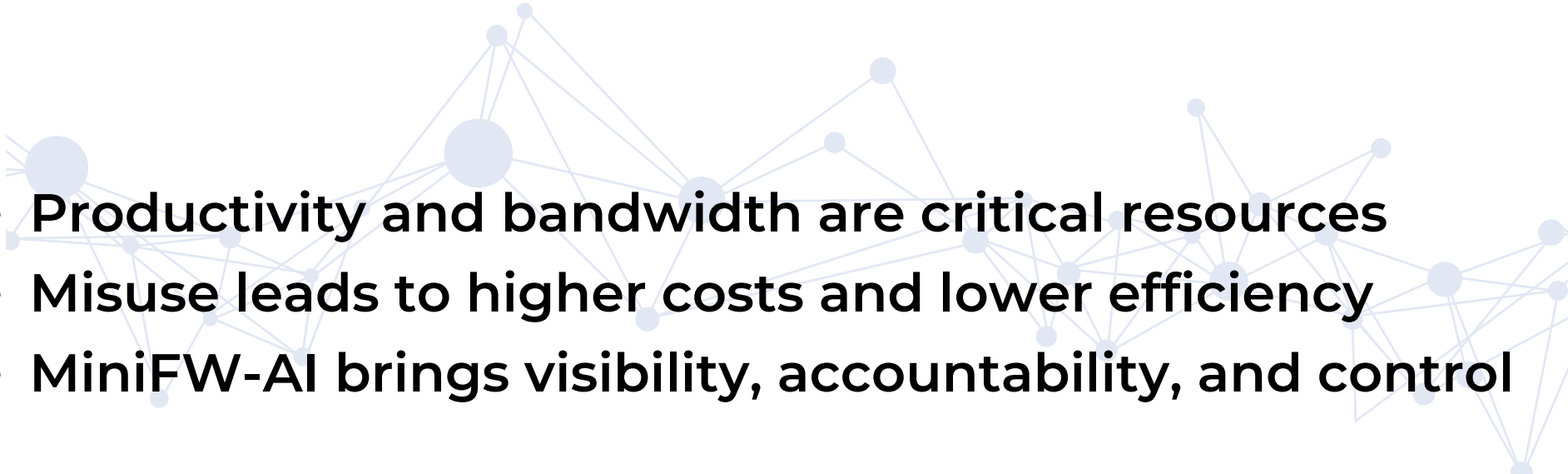


How It Enhances ARCHANGEL 2.0

- 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

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- 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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