

Company Profile











New HQ in Shenzhen, China

- Global network security & cloud computing provider.
- Founded in 2000, headquartered in Shenzhen,
 China with 60+ branches worldwide.
- Local market presence since 2010.
- **Team** with nearly 10,000 employees globally.
- · CMMI Level 5 Certified R&D.
- World's First 3rd Gen HCl.
- World's First Converged Firewall + WAF.
- Own Applied Patents over 2,000+.
- Recognized in Gartner Magic Quadrant,
 Cyber Ratings, Forrester.

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Global Expansion





Sangfor Malaysia Office





- Established in 2010
- 3 Office in KL: Sales, Call Centre and SOC
- Team with 80+ employee



Remote Tech with 24/7 Support



Multilingual Call Center in Malaysia

Sangfor Solution Portfolio



Network Security & Optimization



- NSF/SDWAN Next Generation
 Application Firewall
- **2. ES –** EDR
- 3. IAG Internet Access Gateway
- **4. Cyber Command** NDR
- 5. Omni-Command XDR
- **6. SASE** Secure Access Service Edge

Cloud Computing



- HCI Hyper Converged
 Infrastructure
- 2. VDI Virtual Desktop
 Infrastructure
- 3. MCS Managed Cloud Service
- **4. aStor** Enterprise Storage Solution

Security Services



- 1. Cyber Guardian MDR
- 2. TIARA Threat Intelligences,
 Analysis and Risk Assessment
- 3. IR Incident Responses

Sangfor Customers in Malaysia



Government/GLC













Education













Healthcare













Enterprise













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- 02 Introduction to Endpoint Secure
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PART 1

The Need for Security Operations

Organizational Cyber Security Challenges

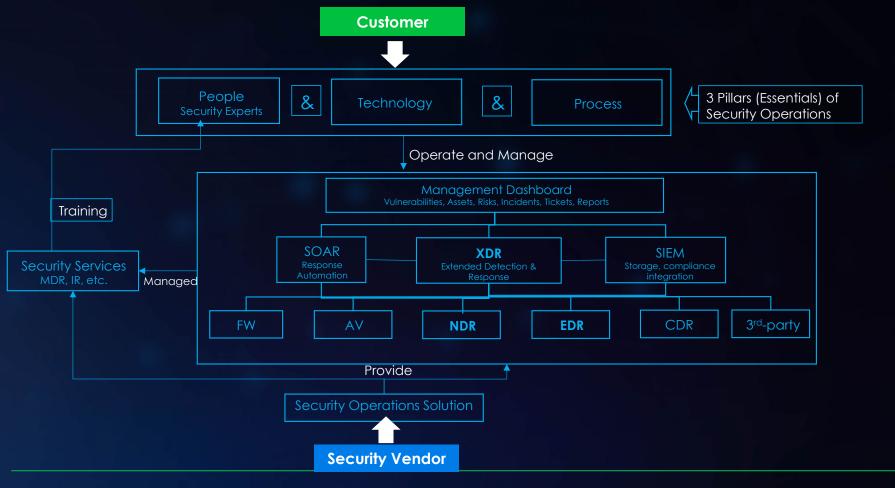




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Security Operation





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Cybersecurity Challenges in Organization





Lack of Security Network

There are many branches access headquarters business through public network, The network lacks unified management and branches lack security construction



Lack of Systematic Security construction

Just stacking security devices at the network boundary, unable to have the ability to specifically protect against ransomware.



Lack of Useful Backup

The business is relatively decentralized, and many businesses cannot be managed as a whole Lack of effective disaster recovery system construction

Build network security system, Build a trusted and secure network Build a reliable business system

Sangfor Security Ecosystem **SANGFOR** Internet 5.MDR Brute force Phishing Malware security Operation 1.NSF 2.IAG 4.XDR 4.STA October 3.EDR 4.STA Brough Hetholys 4.STA Page 11 Sangfor Technologies

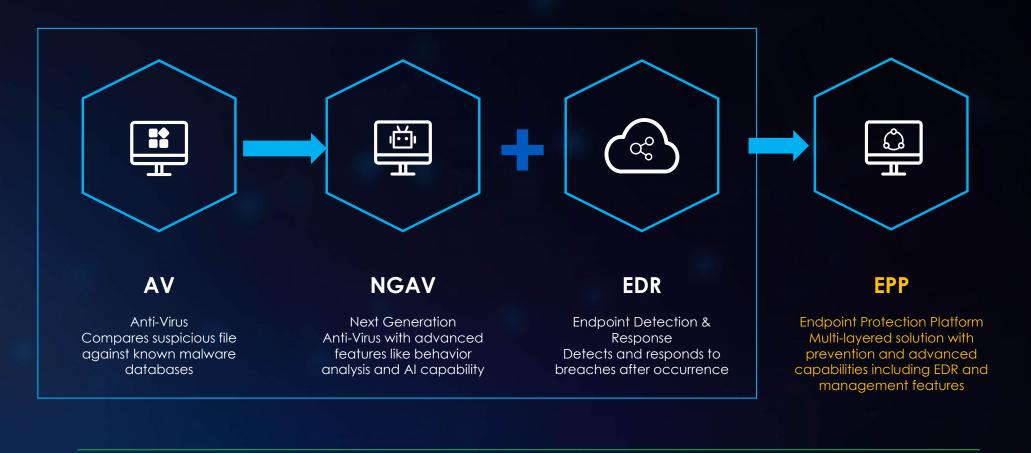


PART 2

Introduction to Endpoint Secure (EDR)

Different Positionings of Endpoint Security





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Sangfor Endpoint Secure Positioning





Modern EPP Prevention (AV/NGAV)

Block and kill malicious processes and files

Detection and Response (EDR)

Investigate and remediate suspicious activities that are not blocked

Endpoint Management

Management and reporting of endpoint systems



Sangfor Endpoint
Secure

- Real-time scanning
- Al-enabled detection engines
- Fileless and in-memory exploit protection
- Ransomware Protection and Data Recovery
- APT detection and kill-chain analysis
- File quarantine and deletion
- Endpoint isolation
- MITRE ATT&CK mapping
- Phishing detection with autoresponse
- Asset Inventory and Management
- Vulnerability Management
- App Control
- Remote support
- Logging and reporting

The Ideal Approach to Protect Endpoints



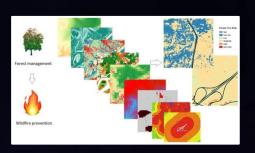
Attack Surface Reduction Asset & Configuration Security / Vulnerability & Patch Management



- Real-time File Scanning
- Lightweight Scanning
- ML Detection for Static File
- Trusted Processes
- Key Directory Protection



- ML Detection for Dynamic Behavior
- Honeypot for Deception
- Fileless Attack Protection
- Web Shell Protection
- RDP Secondary Authentication
- Brute-Force Attack Detection



- APT Detection
- Threat hunting
- Integrate with Global TI and network
- One-Click Network-Wide Kill



Pre-Execution

Signatures and ML for Static File Analysis

Peri-Execution

Dynamic Behavior Analysis
Technologies like ML for BehaviorDetection and Deception

Post-Execution

Detection and Investigation, Automated Response, and Integration with ecosystem

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Endpoint Secure Overview

Cloud Desktops



Private Cloud

Laptops/Notebooks

Enterprise Asset Integration Strategy

Desktops



Operating Systems Support



- Windows
- Linux
- Mac

Platform Support

- Physical machines
- Virtual machines

Capabilities

- All NGEP capabilities
- Vulnerability detection & remediation
- Ransomware Protection
- Security Compliance Check
- Threat analysis & hunting
- MITRE ATT&CK Framework
- Sangfor XDDR

High OS Compatibility



Support legacy OS including Window XP SP3 and Window Server 2003 SP2

Windows	<u></u>	③		CentOS	debian	SUSE.	ORACLE'	
Windows	macOS	Ubuntu	Redhat	CentOS	Deblan	SuSE	Oracle Linux	Other
• Windows XP SP3 • • Windows 7 • • Windows 8 • • Windows 8.1 •	• macOS 10.13 • macOS 10.14 • macOS 10.15	Ubuntu 10 Ubuntu 11 Ubuntu 12	RHEL 5 RHEL 6 RHEL 7	· CentOS 5 · CentOS 6 · CentOS 7	Deblan 6 Deblan 7 Deblan 8	SUSE 12 SUSE 11.X SUSE 15.X	Oracle Linux 5 Oracle Linux 6	• Red Flag Asianux Server 4 • NeoKylin 5
• Windows 8.1 • Windows 10 • Windows 11 • Windows Server 2003 SP2 • Windows Server 2008 • Windows Server 2008R2 • Windows Server 2012 • Windows Server 2016 • Windows Server 2019 • Windows Server 2022	macOS 12.x macOS 13.x	Ubuntu 14 Ubuntu 16 Ubuntu 18 Ubuntu 20 Ubuntu 22	• RHEL 8	· CentOS 8	• Deblan 9		Oracle Linux 7 Oracle Linux 8 Oracle Linux 9	NeoKylin 7 KylinOS 4 Ubuntu Kylin 18

The Ransomware Kill Chain

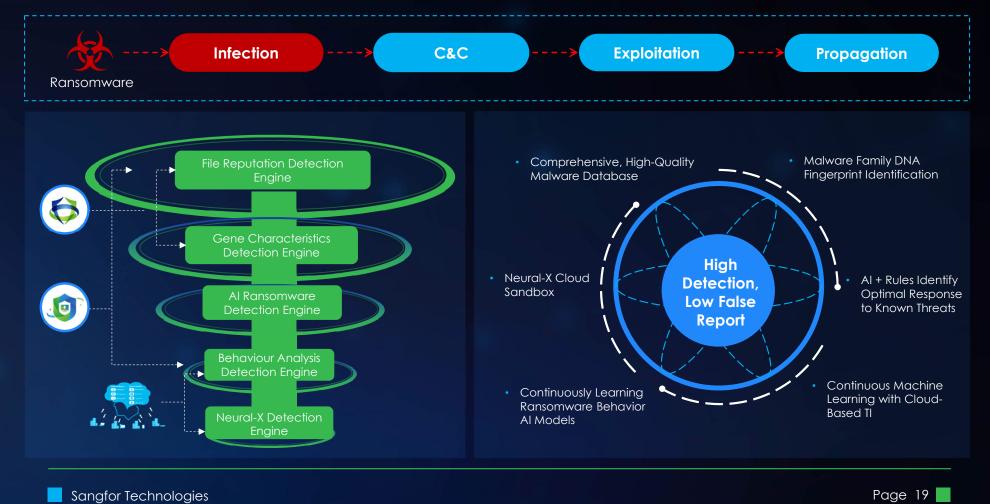




Once ransomware enters the internal network, it is 100% successful spreading horizontally in multiple directions in less than 45 minutes!

AI-Enabled Detection With Engine Zero





Ransomware Detection AI Models





Sangfor Engine Zero

Al Malware Detection Engine

Innovative Unique Al Technology
High Detection Accuracy
Low False Positive Rate

99.83% Accuracy for Unknown Ransomware Detection100% Accuracy for Known Ransomware Detection

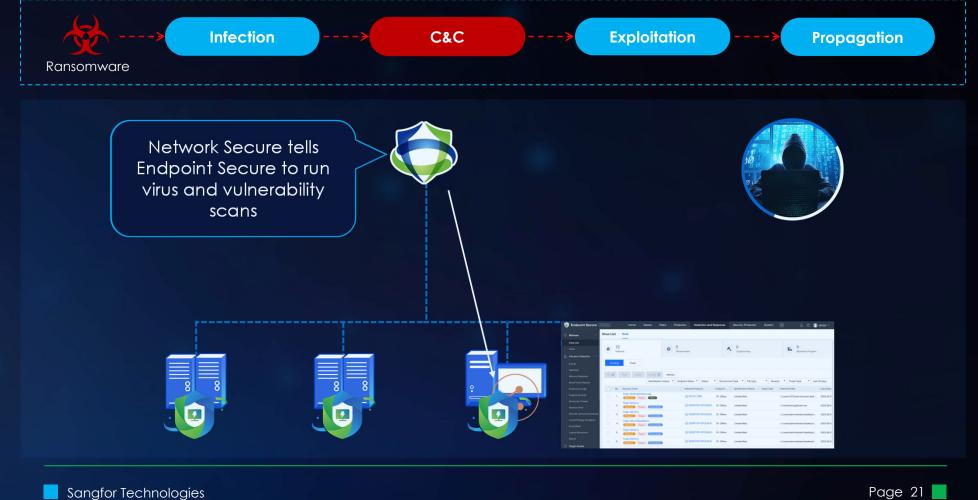


LockBit 3.0 Ransomware detected as zero-day



Synergy with Network Secure

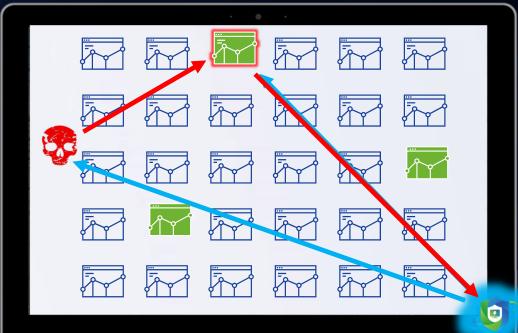




Stopping the Exploit - Ransomware Honeypot





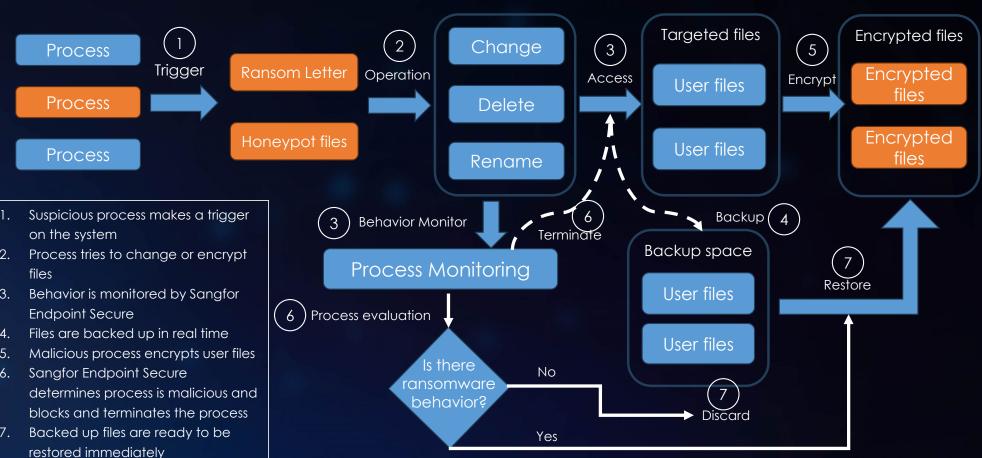


- 1. Bait files are strategically placed in systemcritical, high-target, and random directories.
- 2. Encryption of bait files is detected by the Endpoint Secure agent.
- Endpoint Secure agent kills the encryption process to block encryption.
- 4. Malware controlling the encryption is identified and mitigated.

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Ransomware Protection and Recovery





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Ransomware Protection and Recovery Demo





Stopping the Exploit - One-Click Kill



