



斯元 · 可信賴的中國網絡安全科技顧問
Z-ONE · Your Trusted China Cybersecurity Tech Advisor



CHINA

CYBERSECURITY TECH RATING AND BUYER'S GUIDE

| HONG KONG · MACAO

8th Edition

2025.12

Disclaimer

© 2025 Z-ONE Consulting and/or its licensors and affiliated companies (collectively "Z-ONE"). All rights reserved; unauthorized reproduction is strictly prohibited.

The Ratings and research reports published by Z-ONE represent the current opinion of Z-ONE on the business capabilities of China cybersecurity technology enterprises. Business capabilities are defined by Z-ONE as the ability of an entity to fulfill its contractual, technical, and service support obligations as they come due, as well as the level of acceptance and recognition in the local market. Ratings do not address any other risks, including but not limited to market technological changes, international exchange rates, legal policies, and geopolitical fluctuations.

Z-ONE ratings, research reports, and publications do not constitute or provide investment or financial advice, nor are they recommendations regarding the purchase, sale, or holding of specific securities. At the time of publication of the ratings, Z-ONE anticipates and understands that each investor or business partner will independently research and assess the consequences of their business decisions with due diligence.

All information contained herein is protected by law (including, but not limited to, copyright law). Without the prior written permission of Z-ONE, no person may reproduce, reprint, repackage, further disseminate, transmit, distribute, or resell, or store for future use, all or any part of such information in any form, manner, or means.

All information contained herein is obtained by Z-ONE from sources believed to be accurate and reliable. However, due to the possibility of human or mechanical errors and other factors, all information is provided "as is" without any warranty of any kind. Z-ONE will take all necessary measures to ensure the quality of the information used in the granting of ratings and that it comes from sources considered reliable by Z-ONE, including independent third-party sources where appropriate. However, Z-ONE is not an auditing entity and cannot independently verify or confirm the information received in each case during the rating process or in the preparation of Z-ONE publications.

To the extent permitted by law, Z-ONE and its directors, officers, employees, agents, representatives, licensors, and suppliers shall not be liable for any indirect, special, consequential, or incidental losses or damages of any person or entity arising from or related to the information contained herein, or the use or inability to use such information, even if Z-ONE or any of its directors, officers, employees, agents, representatives, licensors, or suppliers have been advised of the possibility of such losses or damages, including but not limited to: (a) any current or future business losses or damages related to the Rated entity, or (b) any current or future business losses or damages arising from the business conduct of the Rated entity.

Z-ONE makes no express or implied warranties regarding the accuracy, timeliness, completeness, marketability, or fitness for a particular purpose of any such ratings or other opinions or information.

Z-ONE hereby discloses that some technology enterprises may have equity investment, business consulting, incubation acceleration, or other forms of business cooperation with Z-ONE prior to the granting of any ratings. However, the business rating system and process are entirely independent and will be conducted according to uniform standards.

1 China Cybersecurity Tech Market Landscape

- Growth Dynamics
- Reasons for Selection
- Strengths and Challenges

2 China Cybersecurity Tech Business Rating

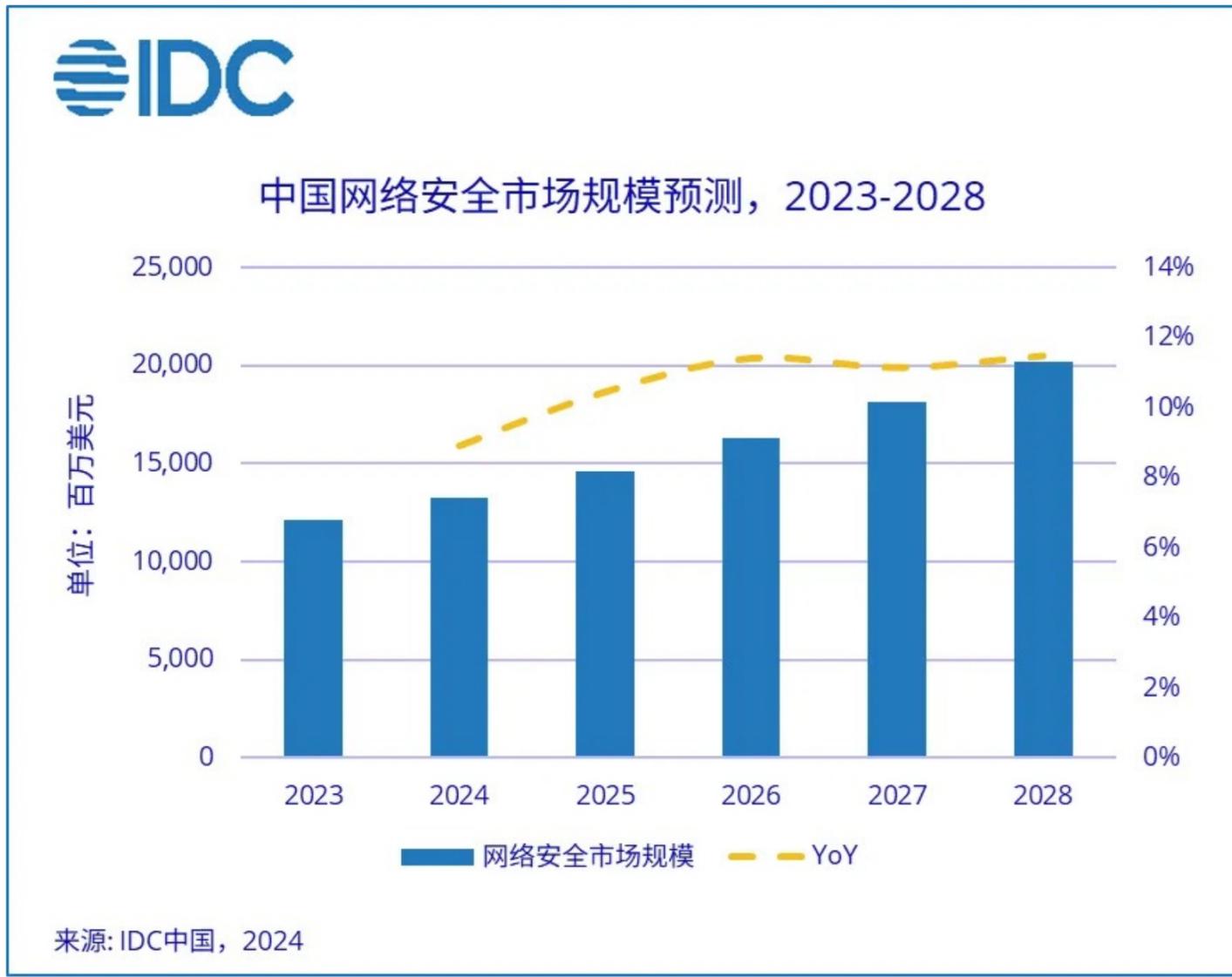
- Rating Significance
- Rating Scorecard
- Rating Results

3 Rating Result and Buyer's Guide

- Professional Product Vendors
- Professional Services Providers
- Equipment/Software Leasing Services

4 Appendix

- Rating Symbols
- Rating Methodology
- About Z-ONE



The Rapid Growth of Cybersecurity Technology in China

According to IDC forecasts, the size of China's cybersecurity market is expected to grow steadily from \$12.16 billion in 2023 to \$20.2 billion by 2028, representing a compound annual growth rate (CAGR) of 10.7%. Looking ahead, the cybersecurity market in China will become increasingly mature, with security defense hardware gradually transitioning to cloud-based solutions. Meanwhile, the software and services segments of the cybersecurity market are projected to maintain robust growth, with five-year CAGRs of 12.8% and 12.6%, respectively.

Currently

- China cybersecurity industry encompasses over 1,000 technology companies.
- Collectively offer more than 150 technology products and services.
- Approximately 80 of these firms have initiated efforts to enter the Hong Kong and Macau markets.
- Many are also preparing to expand their presence in global markets.



Risks of Technology Supply Chain Disruptions

As U.S.-China trade tensions and geopolitical conflicts, such as the Russia-Ukraine war, escalate, technology supply disruptions have shifted from a potential risk to an immediate concern. Suppliers may face sudden sales bans due to regulatory restrictions from affected countries or regions. Key stakeholders, including critical infrastructure operators, must proactively prepare for these challenges.

Regulatory Compliance Mandates

With the growth of the digital economy, local governments have introduced a series of cybersecurity laws, regulations, and compliance requirements in recent years to enhance the autonomy of foundational digital products and address industry uncertainties, ensuring the security of the digital supply chain.

Localized Service and Support

Many international vendors have underinvested in the region or offer products that are not well-suited to local security needs. To support their business in China, multinational subsidiaries are increasingly localizing parts of their technology supply chains for better Chinese-language support, business alignment, and more efficient local services.

China-Capitalization of Global Enterprises

As Chinese capital expands internationally, some global companies now have Chinese ownership. Similarly, foreign companies are increasingly partnering with Chinese firms through joint ventures to better penetrate the Chinese market. These new Chinese-influenced entities are shifting their preferences in selecting technology supply chain partners.



Core Value Proposition

**Complementary
Strengths**

**Value
Diversity**

**Local
Excellence**

**Bespoke
Service**

**Reasonable
Price**

**Reliable And
Trustworthy**

Key Business Challenges

**Strategic
Resolve**

**Cultural
Diversity**

**Business
Practices**

**Product
Standardization**

**Localized
Support**

**Globalization
Competency**



Why Rating China Cybersecurity Technology Matters

In conversations with business, government, and technology leaders, a common theme emerges: the world is becoming exceedingly complex. Supply chain failures, cyber-attacks, geopolitical tensions, sanctions, and security issues all unfold against a backdrop of economic uncertainty and social unrest. Our interconnectedness through technology, trade, culture, and commerce means that risks no longer exist in isolation. Organizations and nations are interdependent, and so too are the risks they face.

Recent cyber security incidents have underscored how the interconnected world generates new compound risks and why a more diverse technological ecosystem is imperative to address this novel challenge.

Old methods of cyber security risk management—a singular perspective—are no longer adequate. We require new, diverse thinking to enhance current defense systems through continuously expanding knowledge bases and diversified cybersecurity technologies. Armed with the right perspective, global technology leaders can not only meet challenges but also predict, adapt, and ultimately thrive in this new era.

China's cyber security technology ecosystem has matured amidst decades of challenges. Against the backdrop of today's globally diversified challenges, it stands as an indispensable element of technological diversity. Enlightening the world about China's cyber security technological prowess is the mission of Z-ONE.

Like many China manufacturing sectors, China's cybersecurity technology faces unique trust challenges on its journey toward commercialization and globalization. History has shown that ignoring or avoiding these issues does not lead to solutions. A proactive and correct approach is necessary. The emergence of the "China Cybersecurity Technology Business Rating" reflects the current market dynamics.

We hope that the "China Cybersecurity Technology Business Rating" will provide the industry with a fresh and valuable perspective.



Communication Tool for Technology Leaders and Business Partners

In the business environment, ratings serve not only as a mature tool for communication but also as a bridge connecting commercial markets with technology companies. Originating in the financial sector, the influence of ratings has expanded to areas such as brand value, corporate sustainability, and Environmental, Social, and Governance (ESG) factors. The precise application of rating systems can significantly accelerate the alignment of China's cybersecurity technology companies with global markets, driving the strategic positioning of businesses.

Globalization Guide for China's Cybersecurity Technology Companies

For China cybersecurity technology companies aiming to expand internationally, business ratings serve as both a credit endorsement and a growth blueprint. Traditional quadrant-based market analysis tools often fail to provide sufficient guidance in navigating the complexities of overseas markets. The introduction of a rating system offers technology users a reliable reference framework while guiding providers on their growth trajectory, helping them navigate the global expansion process with stability.

Risk Mitigation and Preparedness in China Cybersecurity Industry

The application of business ratings in China's cybersecurity industry is a crucial tool for industry self-strengthening and risk management. Similar to the chain reaction triggered by the 2021 Evergrande default in the real estate sector, an objective rating mechanism is vital in preventing and responding to potential market disruptions. By establishing and refining self-assessment, adjustment, and optimization mechanisms, China's cybersecurity industry can demonstrate resilience and adaptability in the face of international market uncertainties, ensuring long-term stability and growth.

In a world increasingly shaped by interconnected risks, making decisive actions is more challenging than ever. Business collaboration must go beyond data to delve into context and, further, to understand meaning. Z-ONE provides the guide to this understanding.

Z-ONE's business ratings offer clients a comprehensive view of China's cybersecurity technology sector, uncovering opportunities in diversity and guiding strategic decisions.

China's cybersecurity industry must establish a business rating system, enabling the global market to better understand and engage with it.



Rating Scorecard - Hong Kong SAR, China



Category

Weightings

Subjective · Comprehensive Assessment

30

Classifications	Score	Rating Focus
Senior Management Commitment	10	How does the management team view and invest time and energy in the positioning and development of the Hong Kong and international markets?
Historical Experience	10	Does the enterprise have any experience in serving overseas customers through OEM, Chinese enterprises' outreach and other services?
Support System	10	How is the future after-sales support and customer success system for products in Hong Kong planned?
Qualifications and Honors	5	Are there any other qualifications and honors that can prove the enterprise's ability and strength to start business in Hong Kong and international markets?
Intellectual Property	10	Does the product technology have full intellectual property autonomy?
Regulatory Compliance	10	Are there any (Chinese government) export controls/restrictions on the product technology due to factors such as classified, national security, etc.?
Legal Risks	10	Does the business have legal risks such as violations of law or regulatory sanctions that need to be disclosed?
Innovative	10	If there are any innovations in products, marketing or service operation support model, please describe them and provide supporting materials.
Landmark	10	If landmark cases or special achievements have been made in Hong Kong or international markets, please explain and provide supporting documents
Competitiveness	5	Competitive landscape and differentiation analysis between the enterprise and international competitors
International Recognition	10	Are there any in-depth cooperation models with governments or capitals in the Hong Kong region or other parts of the world with local support?



Category

Weightings

Objective · Subjective Assessment

21

Classifications	Sub-classifications	Score	Rating Focus
1-Corporate Strength	Autonomy	15	Operational independence
	Enterprise Revenue	10	Revenue Volume Size
	Financial Status	10	The financial health of the business, reflecting net profit or loss
	Stable Operation	5	Time of establishment of the enterprise, reflecting the continuous operation of Stable nature
	Number of Employees	5	The number of employees of the enterprise, reflecting the scale of the enterprise and its subsequent development ability.
	Stage of Growth	5	Stage of development of the enterprise, the number of rounds of financing or listing.
2-Internationalization	International Revenue	15	Internationalization/Overseas Revenue Scale, Reflecting International Market Capabilities
	Strategic Layout	10	Whether it has business entities in several countries/regions around the world, reflecting the international market layout.
	International Homepage	5	Is there an internationalized version of the company's homepage?
	International Social Media	5	Whether the company is listed on mainstream overseas social media platforms.
	Product UI	5	Internationalized product UI
	Introduction Materials	5	Internationalized introduction materials
	Service Manual	5	Internationalized service manual



Rating Scorecard - Hong Kong SAR, China



Category

Weightings

Objective · Objective Assessment

49

Classifications	Sub-classifications	Score	Rating Focus
1 - Local Strength	Local Entity	10	Whether there is a business entity in Hong Kong
	Office Space	10	Whether there is an office space in Hong Kong, reflecting local service capabilities in Hong Kong
	Local Employees	10	Whether there are local employees under the Hong Kong entity, reflecting local service capabilities in Hong Kong
	Revenue Scale	10	The amount of revenue in the Hong Kong entity/market, reflecting the capabilities of local business in Hong Kong
2 - Brand and Market	Media Coverage	5	Whether it has been reported, reprinted, or mentioned by local third-party media
	Market Activities	5	Whether it has hosted or participated in market activities in the Hong Kong region
3 - Product and Services	Technical Delivery	10	Local product after-sales support methods
4 - Partnership Ecosystem	Business Partners	10	The commercial recognition of local partners in Hong Kong
	Technical Support	10	The readiness of local partners' technical support capabilities
5 - Local Recognition	Customer Recognition	10	Recognition from local customers in Hong Kong
	Government Recognition	10	Recognition from local governments or related institutions



Security Ops & Incident Response

MSSP
Managed Security Service Provider

W W	<ul style="list-style-type: none"> • Ensign • PWC 	C N
----------------------	---------------------------------------------------------------------------	----------------------

SIEM
Security Information Event Management

W W	<ul style="list-style-type: none"> • Splunk • IBM • Devo 	C N
----------------------	-------------------------------------------------------------------------------------------	----------------------

SOC
Security Operations Center

W W	<ul style="list-style-type: none"> • Ensign • PWC 	C N
----------------------	---------------------------------------------------------------------------	----------------------

SOAR
Security Orchestration, Automation and Response

W W	<ul style="list-style-type: none"> • Palo Alto • Splunk 	C N
----------------------	---------------------------------------------------------------------------------	----------------------

CSSTPs
Crowdsourced Software Security Testing Platforms

W W	<ul style="list-style-type: none"> • Bugcrowd • HackerOne 	C N
----------------------	-----------------------------------------------------------------------------------	----------------------

Honeypot/Deception

W W	<ul style="list-style-type: none"> • TrapX(Commvault Metallic) • Attivo(SentinelOne) • Illusive(Proopoint) 	C N
----------------------	---------------------------------------------------------------------------------------------------------------------------------------------	----------------------

DFIR
Digital Forensics and Incident Response

W W	<ul style="list-style-type: none"> • Guidance • Magnet Forensics • Cellebrite 	C N
----------------------	----------------------------------------------------------------------------------------------------------------	----------------------



Network & Infrastructure Security

SDoT/Network Diode
Secure Domain Transition, Network Diode, Unidirectional Security Gateway

W W	<ul style="list-style-type: none"> • Infodas • Waterfall 	C N
	<ul style="list-style-type: none"> • NetChina Cloud Security 	

XDR
Extended Detection Response

W W	<ul style="list-style-type: none"> • CrowdStrike • Palo Alto • Trellix 	C N
	<ul style="list-style-type: none"> • Sangfor 	

SASE
Secure Access Service Edge

W W	<ul style="list-style-type: none"> • Zscaler • Cato • Palo Alto 	C N
	<ul style="list-style-type: none"> • Sangfor • Feilian 	

ZTNA
Zero-Trust Network Access

W W	<ul style="list-style-type: none"> • Palo Alto • Cato • Zscaler 	C N
	<ul style="list-style-type: none"> • Sangfor • Feilian 	

NSPM
Network Security Policy Management

W W	<ul style="list-style-type: none"> • Firemon • Tufin 	C N
	<ul style="list-style-type: none"> • QAX 	

Cybersecurity Test & Assurance

W W	<ul style="list-style-type: none"> • Spirent • Ixia(Keysight) • Xena Networks 	C N
	<ul style="list-style-type: none"> • Dotouch 	

NDR/NTA
Network Detection Response/Network Traffic Analysis

W W	<ul style="list-style-type: none"> • Darktrace • NETSCOUT • ExtraHop 	C N
	<ul style="list-style-type: none"> • QAX • GoldenEye • Sangfor 	

Network Visibility and Observability

W W	<ul style="list-style-type: none"> • Gigamon • Keysight 	C N
	<ul style="list-style-type: none"> • Embedway 	

NPM
Network Performance Monitoring and Observability

W W	<ul style="list-style-type: none"> • NetScout • SolarWinds 	C N
	<ul style="list-style-type: none"> • Colasoft 	

ETA
Encrypted Traffic Analysis

W W	<ul style="list-style-type: none"> • Cisco 	C N
	<ul style="list-style-type: none"> • GoldenEye 	



Network & Infrastructure Security

NAC Network Access Control

WW

- ForeScout
- Ivanti

- Sangfor

CN

NGFW Next Generation Firewalls

WW

- Palo Alto
- CheckPoint
- Fortinet

- Sangfor
- TopSec
- NetChina Cloud Security

CN



Vulnerability Management

Cyber Range

W W	• Cyberbit	• Zeta Byte	C N
	• Hackthebox	• Integrity Tech	

**RBVM
Risk-Based Vulnerability Management**

W W	• Tenable	• TANZE	C N
	• RAPID7		

Cyberspace Surveying and Mapping

W W	• Shodan	• KNOWNSEC	C N
	• Censys		
	• runZero		

**CAASM
Cyber Asset Attack Surface Management**

W W	• Axonius	• /	C N
	• JupiterOne		

**CTEM
Continuous Threat Exposure Management**

W W	• Cymulate	• NSFOCUS	C N
	• Tenable	• Validations	
	• XM Cyber		

**VA
Vulnerability Assessment**

W W	• Tenable	• TANZE	C N
	• RAPID7		

**EASM
External Attack Surface Management**

W W	• CTM360	• RiskRadar	C N
	• Pentera		
	• Cyble		

**BAS
Breach Attack Simulation**

W W	• AttackIQ	• Validations	C N
	• SafeBreach	• DAS-Security	
	• Cymulate		



Endpoint Security

Host Hardening

W
W

- RunSafe

- HardenedVault

C
N

UES Unified Endpoint Security

W
W

- BlackBerry
- Kaspersky
- Sophos

- /

C
N

EDR Endpoint Detection Response

W
W

- CrowdStrike
- SentinelOne
- Sophos

- Rooma
- Sangfor

C
N

UEM Unified Endpoint Management

W
W

- Ivanti
- ManageEngine

- /

C
N



Risk & Compliance

TPRM
Third-party Risk Management

W W	<ul style="list-style-type: none"> OneTrust BitSight Security Scorecard 	<ul style="list-style-type: none"> Tianji Partners 	C N
	/		

DRP
Digital Risk Protection

W W	<ul style="list-style-type: none"> ZeroFox Proofpoint Netcraft 	<ul style="list-style-type: none"> Tianji Partners 	C N
	/		

Communication Risk & Compliance

W W	<ul style="list-style-type: none"> Shield BEHAVOX Lexverity 	<ul style="list-style-type: none"> / 	C N
	/		

CRQ
Cyber-Risk Quantification

W W	<ul style="list-style-type: none"> Bitsight RiskLens 	<ul style="list-style-type: none"> / 	C N
	/		

GRC Automation
Governance, Risk Compliance Automation

W W	<ul style="list-style-type: none"> Vanta Drata 	<ul style="list-style-type: none"> / 	C N
	/		

SRS
Security Rating Service

W W	<ul style="list-style-type: none"> Bitsight Security Scorecard 	<ul style="list-style-type: none"> / 	C N
	/		

CPM
Cybersecurity Performance Management

W W	<ul style="list-style-type: none"> Blue Lava SeeMetrics TrustMAPP 	<ul style="list-style-type: none"> / 	C N
	/		

CEM
Critical Event Management

W W	<ul style="list-style-type: none"> Crisis24 BlackBerry 	<ul style="list-style-type: none"> / 	C N
	/		



Identity Security

PAM Privileged Access Management

- | | | | | |
|--------|-------------------------------------------------------------------------------------|---|-----------------------------------------------------------------------------|--------|
| W
W | <ul style="list-style-type: none"> • CyberArk • BeyondTrust | / | <ul style="list-style-type: none"> • Qizhi • RanKEZ | C
N |
|--------|-------------------------------------------------------------------------------------|---|-----------------------------------------------------------------------------|--------|

EIAM Employee Identity Access Management

- | | | | | |
|--------|----------------------------------------------------------|---|------------------------------------------------------------------|--------|
| W
W | <ul style="list-style-type: none"> • OKTA | / | <ul style="list-style-type: none"> • Bamboo Cloud | C
N |
|--------|----------------------------------------------------------|---|------------------------------------------------------------------|--------|

MIM / NHI Machine Identity Management Non-Human Identity

- | | | | | |
|--------|--------------------------------------------------------------------------------------|---|------------------------------------------------------------------|--------|
| W
W | <ul style="list-style-type: none"> • Aembit • Entro Security | / | <ul style="list-style-type: none"> • Bamboo Cloud | C
N |
|--------|--------------------------------------------------------------------------------------|---|------------------------------------------------------------------|--------|

CIAM Customer Identity Access Management

- | | | | | |
|--------|----------------------------------------------------------------------------------------------------------|---|------------------------------------------------------------------|--------|
| W
W | <ul style="list-style-type: none"> • Microsoft Entra • OKTA • ForgeRock | / | <ul style="list-style-type: none"> • Bamboo Cloud | C
N |
|--------|----------------------------------------------------------------------------------------------------------|---|------------------------------------------------------------------|--------|

Identity Orchestration

- | | | | | |
|--------|----------------------------------------------------------------------------------------|---|-------------------------------------------------------|--------|
| W
W | <ul style="list-style-type: none"> • ForgeRock • Ping Identity | / | <ul style="list-style-type: none"> • / | C
N |
|--------|----------------------------------------------------------------------------------------|---|-------------------------------------------------------|--------|

CAPTCHA

- | | | | | |
|--------|----------------------------------------------------------------------------------------------------------|---|-------------------------------------------------------------|--------|
| W
W | <ul style="list-style-type: none"> • reCAPTCHA • hCaptcha • fun CAPTCHA | / | <ul style="list-style-type: none"> • GeeTest | C
N |
|--------|----------------------------------------------------------------------------------------------------------|---|-------------------------------------------------------------|--------|

IDaaS Identity as a Service

- | | | | | |
|--------|------------------------------------------------------------------------------------------|---|------------------------------------------------------------------|--------|
| W
W | <ul style="list-style-type: none"> • OKTA • Duo Security (Cisco) | / | <ul style="list-style-type: none"> • Bamboo Cloud | C
N |
|--------|------------------------------------------------------------------------------------------|---|------------------------------------------------------------------|--------|

DaaS Directory as a Service

- | | | | | |
|--------|---------------------------------------------------------------------|---|-------------------------------------------------------------|--------|
| W
W | <ul style="list-style-type: none"> • Microsoft Entra | / | <ul style="list-style-type: none"> • Nington | C
N |
|--------|---------------------------------------------------------------------|---|-------------------------------------------------------------|--------|

IAM Identity Access Management

- | | | | | |
|--------|--------------------------------------------------------------------------------------------------|---|------------------------------------------------------------------|--------|
| W
W | <ul style="list-style-type: none"> • ForgeRock • IBM • i-Sprint | / | <ul style="list-style-type: none"> • Bamboo Cloud | C
N |
|--------|--------------------------------------------------------------------------------------------------|---|------------------------------------------------------------------|--------|

IGA Identity Governance Administration

- | | | | | |
|--------|---------------------------------------------------------------|---|------------------------------------------------------------------|--------|
| W
W | <ul style="list-style-type: none"> • SailPoint | / | <ul style="list-style-type: none"> • Bamboo Cloud | C
N |
|--------|---------------------------------------------------------------|---|------------------------------------------------------------------|--------|



Data & Privacy & Cryptography

TEE
Trusted Execution Environment

W W	<ul style="list-style-type: none"> • Intel SGX • AMD 	/	<ul style="list-style-type: none"> • BaseBit • Nuowei Tech 	C N
--------	------------------------------------------------------------------------------	---	------------------------------------------------------------------------------------	--------

MFT
Managed File Transfer

W W	<ul style="list-style-type: none"> • BMC • Fortra • SolarWinds 	/	<ul style="list-style-type: none"> • Ftrans 	C N
--------	-------------------------------------------------------------------------------------------------	---	------------------------------------------------------------	--------

DRM
Digital Right Management

W W	<ul style="list-style-type: none"> • Adobe • Google • Apple 	/	<ul style="list-style-type: none"> • / 	C N
--------	----------------------------------------------------------------------------------------------	---	-------------------------------------------------------	--------

HSM
Hardware Security Module

W W	<ul style="list-style-type: none"> • Gemalto(Thales) • Entrust 	/	<ul style="list-style-type: none"> • Sansec 	C N
--------	----------------------------------------------------------------------------------------	---	------------------------------------------------------------	--------

PQC
Post-Quantum Cryptography

W W	<ul style="list-style-type: none"> • QuSecure • Sandbox AQ 	/	<ul style="list-style-type: none"> • Sansec 	C N
--------	------------------------------------------------------------------------------------	---	------------------------------------------------------------	--------

Confidential Computing

W W	<ul style="list-style-type: none"> • Fortanix • IBM • Intel 	/	<ul style="list-style-type: none"> • Ant • Huawei 	C N
--------	----------------------------------------------------------------------------------------------	---	---------------------------------------------------------------------------	--------

EKM
Enterprise Key Management

W W	<ul style="list-style-type: none"> • Fortanix • Thales • SSH 	/	<ul style="list-style-type: none"> • Sansec 	C N
--------	-----------------------------------------------------------------------------------------------	---	------------------------------------------------------------	--------

CA
Certificate Authority

W W	<ul style="list-style-type: none"> • RSA • Digicert 	/	<ul style="list-style-type: none"> • TrustAsia 	C N
--------	-----------------------------------------------------------------------------	---	---------------------------------------------------------------	--------

Homomorphic Encryption

W W	<ul style="list-style-type: none"> • IBM • Inpher • IXUP 	/	<ul style="list-style-type: none"> • / 	C N
--------	-------------------------------------------------------------------------------------------	---	-------------------------------------------------------	--------

Cryptography

W W	<ul style="list-style-type: none"> • Gemalto(Thales) • Entrust 	/	<ul style="list-style-type: none"> • Sansec 	C N
--------	----------------------------------------------------------------------------------------	---	------------------------------------------------------------	--------



Data & Privacy & Cryptography

SDM Static Data Masking

- | | | | |
|--------|---------------|----------|--------|
| W
W | • Informatica | • GuanAn | C
N |
| | • IBM | | |

SMPC Secure Multi-Party Computation

- | | | | |
|--------|---------------|--------------|--------|
| W
W | • Cybernetica | • insightone | C
N |
| | • Inpher | • BaseBit | |
| | • IXUP | | |

Differential Privacy

- | | | | |
|--------|------------|---------------|--------|
| W
W | • Immuta | • Nuowei Tech | C
N |
| | • LeapYear | • BaseBit | |
| | • Privitar | | |

DDM Dynamic Data Masking

- | | | | |
|--------|---------------|----------|--------|
| W
W | • IBM | • GuanAn | C
N |
| | • Informatica | | |
| | • Oracle | | |

Personal Privacy Protection

- | | | | |
|--------|---------------|-----|--------|
| W
W | • Agency | • / | C
N |
| | • PrivacyHawk | | |

DSPM Data Security Posture Management

- | | | | |
|--------|----------------|-----|--------|
| W
W | • Sentra | • / | C
N |
| | • Normalyze | | |
| | • Dig Security | | |

CDM Copy Data Management

- | | | | |
|--------|------------|-----|--------|
| W
W | • Cohesity | • / | C
N |
| | • Rubrik | | |

DDR Data Detection Response

- | | | | |
|--------|----------------|---------------|--------|
| W
W | • Cyberhaven | • CyberServal | C
N |
| | • Dig Security | | |

DAP Database Audit Protection

- | | | | |
|--------|-----------|----------------|--------|
| W
W | • Imperva | • DAS-Security | C
N |
| | • IBM | • QAX | |

DLP Data Loss Prevention

- | | | | |
|--------|--------------|---------------|--------|
| W
W | • Proofpoint | • CyberServal | C
N |
| | • Forcepoint | | |
| | • Symantec | | |



Data & Privacy & Cryptography

Privacy Computing

W
W

- Oasis Labs
- Qedit

- jztdata
- goldenriver

C
N

PMT Privacy Management Tools

W
W

- OneTrust
- Securiti.ai
- Trustarc

• /

C
N



Threat Intelligence

Dark Web Intelligence

W
W

- ZeroFox
- Group-IB

- Tianji Partners
- QAX

C
N

Vulnerability Intelligence

W
W

- vFeed
- VulDB
- VulnCheck

- Tianji Partners
- QAX

C
N

TI Lookup Threat Intelligence Lookup

W
W

- VirusTotal
- IBM
- Recorded Future

- Tianji Partners
- QAX
- ThreatBook

C
N

TI Feed Threat Intelligence Feed

W
W

- VirusTotal
- IBM

- Tianji Partners
- QAX

C
N

TIP Threat Intelligence Platform

W
W

- Recorded Future
- Anomali

- Tianji Partners
- QAX
- ThreatBook

C
N

IP Intelligence

W
W

- Maxmind
- IP2Location

- IPIP

C
N



Threat & Risk Scenarios

Anti-DeepFake

W W	• Reality Defender	• juntongai	C N
		• Ruijian	

Anti-Virus

W W	• AhnLab	• /	C N
	• Kaspersky		
	• Trend Micro		

**TSCM
Technical Surveillance Counter Measures**

W W	• MURRAY ASSOCIATES	• RC2	C N
	• QCC Global		

Anti-Phishing

W W	• FraudWatch	• Tianji Partners	C N
	• PhishLabs(Fortra)		
	• CSC		

Anti-Malware

W W	• Ahn Labs	• /	C N
	• Kaspersky		
	• Symantec		

Anti-Bot

W W	• Shape(F5)	• River Security	C N
	• Imperva		

**AML
Anti-Money Laundering**

W W	• Feedzai	• /	C N
	• Datavisor		
	• LexisNexis		

Anti-DDoS

W W	• Akamai	• NSFOCUS	C N
	• Cloudflare	• WebRay	

**BEC Protection
Business Email Compromise Protection**

W W	• Proofpoint	• GreenRadar	C N
	• Abnormal	• Coremail	
	• Barracuda		



Application Security

Reverse Engineering/Decompile

W W	• IDA pro(Hex-Rays)	• /	C N

Application Shielding

W W	• Guardsquare	• NAGA	C N
	• Appdome	• Bangle	
	• AppGuard		

**SEG
Secure Email Gateway**

W W	• Barracuda	• GreenRadar	C N
	• Trellix	• Coremail	
	• mimecast		

Secure Instant Communications

W W	• BlackBerry	• Lanxin	C N
		• VRV	

**SWG
Secure Web Gateway**

W W	• Forcepoint	• Sangfor	C N
	• Cisco		
	• Netskope		

**DAST
Dynamic Application Security Testing**

W W	• AppScan(HCL)	• WebRay	C N
	• Fortify(Micro Focus)		

**IAST
Interactive Application Security Testing**

W W	• Contrast	• Xmirror	C N
	• HCL		
	• Micro Focus		

**SAST
Static Application Security Testing**

W W	• Coverity	• FEYSH	C N
	• Checkmarx		
	• Fortify(Micro Focus)		

**Fuzzing
Fuzz Testing**

W W	• GitLab	• Seczone	C N
	• GitHub		

**CDR
Content Disarm and Reconstruction**

W W	• ReSec	• /	C N
	• OPSWAT		



Application Security

SCA
Software Composition Analysis

W W	<ul style="list-style-type: none"> • Sonatype • Contrast • Veracode 	<ul style="list-style-type: none"> • Xmirror 	C N
----------------------	------------------------------------------------------------------------------------------------------	-------------------------------------------------------------	----------------------

ASPM
Application Security Posture Management

W W	<ul style="list-style-type: none"> • enso • ArmorCode • Bionic 	<ul style="list-style-type: none"> • BlingSec 	C N
----------------------	-------------------------------------------------------------------------------------------------	--------------------------------------------------------------	----------------------

RASP
Runtime Application Self-protection

W W	<ul style="list-style-type: none"> • Imperva • Dynatrace • Datadog 	<ul style="list-style-type: none"> • BoundryX 	C N
----------------------	-----------------------------------------------------------------------------------------------------	--------------------------------------------------------------	----------------------

RBI
Remote Browser Isolation

W W	<ul style="list-style-type: none"> • Menlo 	<ul style="list-style-type: none"> • SupraAXES 	C N
----------------------	-----------------------------------------------------------	---------------------------------------------------------------	----------------------

APM
Application Performance Monitoring and Observability

W W	<ul style="list-style-type: none"> • Datadog • Dynatrace • Sumo Logic 	<ul style="list-style-type: none"> • Bonree • Guance 	C N
----------------------	--------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------	----------------------

WAF
Web Application Firewall

W W	<ul style="list-style-type: none"> • Imperva • F5 	<ul style="list-style-type: none"> • DAS-Security 	C N
----------------------	---------------------------------------------------------------------------	------------------------------------------------------------------	----------------------

SSL Certificate Management

W W	<ul style="list-style-type: none"> • Venafi, • ManageEngine • GlobalSign 	<ul style="list-style-type: none"> • HFTECH 	C N
----------------------	-----------------------------------------------------------------------------------------------------------	------------------------------------------------------------	----------------------

API Security

W W	<ul style="list-style-type: none"> • Axway • Kong • Mulesoft 	<ul style="list-style-type: none"> • Bamboo Cloud 	C N
----------------------	-----------------------------------------------------------------------------------------------	------------------------------------------------------------------	----------------------

DNS Security

W W	<ul style="list-style-type: none"> • Bluecat • Infoblox 	<ul style="list-style-type: none"> • ZDNS 	C N
----------------------	---------------------------------------------------------------------------------	----------------------------------------------------------	----------------------

Web Application API Protection

W W	<ul style="list-style-type: none"> • Imperva • F5 	<ul style="list-style-type: none"> • River Security 	C N
----------------------	---------------------------------------------------------------------------	--------------------------------------------------------------------	----------------------



Cloud Security

Container Security

W W	• Aqua	• VolcanoEngine	C N
	• NeuVector	• AneSec	

Secure Browser

W W	• Island	• QAX	C N
	• Talon(Palo Alto)		
	• LayerX		

Identity-Based Segmentation/Microsegmentation

W W	• Illumio	• /	C N
	• Aqua		

**KSPM
Kubernetes Security Posture Management**

W W	• Sysdig	• AneSec	C N
	• Wiz		
	• Aqua		

**CWPP
Cloud Workload Protection Platform**

W W	• Aqua	• QAX	C N
	• Lacework	• VolcanoEngine	

**CIEM
Cloud Infrastructure Entitlement Management**

W W	• Wiz	• /	C N
	• Microsoft Entra		
	• CyberArk		

**CSPM
Cloud Security Posture Management**

W W	• Wiz	• AneSec	C N
	• Lacework	• VolcanoEngine	
	• Orca		

**CNAPP
Cloud-Native Application Protection Platforms**

W W	• Aqua	• /	C N
	• Lacework		
	• Orca		



PROFESSIONAL SERVICE

VENDOR

01	External Digital Risk Assessment	Tianji
02	SMB MSSP	Cloudfall
03	WAF Capability Validation	Validations
04	External Attack Risk Management	
05	Internet Asset Reporting Service	
06	Risk Assessment Service	RiskRadar
07	Incident Response Service	
08	Incident Response Training Service	
09	Source Code Audit	FEYSH
10	Web Application Security Inspection	BoundryX



RENTAL SERVICE

VENDOR

01 NDR/NTA

GoldenEye

02 Network Visibility

EmbedWay

03 Vulnerability Assessment

TANZE

04

05

06

07

08

09

10

11

12

13



Rating Symbols

Ratings are typically represented by a set of simple and intuitive symbols to indicate the business grade of the rated entity. Therefore, a scientific rating symbol identification system and reasonable definition of rating symbols are the foundations of conducting rating work.

A. Grade Symbols

Z-ONE adopts a four-tier system with ten levels, and for the 'AA' to 'B' grades, the relative strength within each main rating category can be indicated by adding '+' or '-' symbols.

#	Grade	Symbol	Category
1		AAA	
2		AA+	Tech Titan
3		AA	
4	A	AA-	
5		A+	Distinguished Leader
6		A	
7		A-	
8		BBB+	
9		BBB	
10		BBB-	Growing Star
11		BB+	
12	B	BB	
13		BB-	
14		B+	
15		B	New Explorer
16		B-	
17		CCC	
18	C	CC	Prudent Partner
19		C	
20	D	D	Risky Player

Rating Symbols

B. Suffix Symbols

Suffix symbols in ratings are typically used to denote specific types or attributes of the rating. These suffixes may carry different meanings across various rating targets and systems.

1.1 Country/Region Suffix

<https://www.iso.org/obp/ui/#search>

Geo Suffix (ISO 3166)

0	Main Rating	--
1	Mainland China	.cn
2	Hong Kong (China)	.hk
3	Macao (China)	.mo
4	Singapore	.sg
5	Malaysia	.my
6	Thailand	.th
7	Indonesia	.id
8	Saudi	.sa
9	UAE	.ae
10	Mexico	.mx
11	USA	.us

Rating Symbols

1.2 Product Suffix

Solution Suffix (Z-ONE)

1	WAF	.waf
2	DLP	.dlp
3	SASE	.sase
4	PAM	.pam
5	IAM	.iam
6	SIEM	.siem
7	NDR	.ndr
8	XDR	.xdr
9	EDR	.edr

1.3 Other Suffixes

Other Rating Symbol

Rating Withdrawn	Rating Withdrawn: The rating agency will no longer provide a rating for the debt that was previously maintained.	WR
Preliminary Rating	Preliminary Rating: If the final rating is contingent upon the fulfillment of certain conditions that are highly likely to be met, the rating agency typically assigns a provisional rating to the rated entity. Once these conditions are satisfied, the provisional designation will be removed.	P
Unrated	Unrated: This designation is given to entities that have not been rated.	NR
Not Applicable	Not Applicable: This is applied to rated entities that have not yet received a rating.	NAV

Rating Outlook

A Rating Outlook is an opinion on the potential direction of an entity's business creditworthiness over the next year, focusing on trends and risks that may lead to changes in the rating outcome. The Rating Outlook is an effective supplement to the rating result and an integral part of the rating symbol system.

A. Outlook Description

1.1 The Rating Outlook is primarily divided into four categories: Positive, Negative, Stable, and Undetermined.

1.2 Under normal circumstances, the future adjustment range for a rating with an Outlook of "Positive" or "Negative" is by one sub-grade.

B. Outlook Publication

1.1 The rating Outlook can be published alongside the rating report or dynamically released during the tracking period.

1.2 Not all rated entities will receive a Rating Outlook. In some cases, the absence of an Outlook will be indicated.

Rating Methodology

The Rating methodology is the analytical framework used by the Rating Committee to assign specific ratings to Rated Entities. It establishes the main analytical factors that Z-ONE considers to be the most important in determining the business risks of the relevant industry. The methodology does not exhaustively cover all factors reflected in the rating but merely lists the primary qualitative and quantitative factors considered by Z-ONE when determining the rating. To help third parties understand the analytical approach of ratings, all methodologies are publicly published.

Scorecards are reference tools used to interpret the factors that are typically the most important in granting ratings. As a summary, scorecards do not cover all factors considered in ratings. The weights of factors and sub-factors in the scorecards represent their importance to the rating decision, but their actual importance can vary greatly depending on the circumstances of the Rated Entity and its operating environment. Moreover, quantitative factors and sub-factor variables typically use historical data, but our rating analysis is based on forward-looking expectations. The Rating Committee will use its judgment to decide whether to focus on rating factors that are particularly important in the current general operating environment and how to emphasize these factors. Therefore, the granted rating may fall outside the range indicated by the scorecard.

For more Z-ONE business rating info, please visit:

www.z1-sec.com/en/rating

About Z-ONE

The cybersecurity market must remain effective and fair to all participants, with business ratings playing a critical role. Z-ONE Consulting (“Z-ONE”) provides business rating insights and opinions through research on the commercial practices and market feedback of China cybersecurity technology enterprises.

Z-ONE is an independent third-party organization dedicated to research, analysis, and acceleration services in China’s cybersecurity industry. Our mission is to be the leading source of critical insights into the commercial capabilities of China cybersecurity technology. As global cybersecurity risk and technology become increasingly complex, Z-ONE leverages rich data, expert analysis, in-depth research, and forward-looking perspectives to help clients quickly understand the commercial capabilities of China cybersecurity technology and drive decisive business actions.

As the world grows more interconnected, cybersecurity risks escalate. In this interconnected risk landscape, taking decisive actions is more challenging than ever. Business collaboration must go beyond data to understand context and, further, to grasp meaning.

Z-ONE provides the guide to this understanding. We help global clients gain a comprehensive view of China cybersecurity technology, uncover opportunities within diversity, and guide strategic decisions. Based on Z-ONE’s ratings, business partners gain holistic perspectives and the confidence to act, making technology more trustworthy.

CYBER SECURITY billboard



斯元 · 可信賴的中國網絡安全科技顧問
Z-ONE · Your Trusted China Cybersecurity Tech Advisor



www.z1-sec.com



Global@z1-sec.com



China Cybersecurity Tech Vendor Index

www.z1-sec.com/en/index



China Cybersecurity Tech Business Rating

www.z1-sec.com/en/rating



China Cybersecurity Tech Buyer's Guide · Solution

<https://drive.google.com/drive/folders/1bxp03c5HHTSqkd8LLRBVhrHhFs31x2ZC?usp=sharing>



China Cybersecurity Tech Buyer's Guide · Service

<https://drive.google.com/drive/folders/1bxp03c5HHTSqkd8LLRBVhrHhFs31x2ZC?usp=sharing>

