SINET Cybersecurity Taxonomy 2021

Active Response
- Active Response
- Adversary Exploitation Tools
- Cyber Warfare
- Deception Security
- Moving Target Defense

Adversary Analysis
- Anti Reconnaissance
- Attack Attribution
- Attack Intelligence Service
- Predictive Attack Intelligence

Authentication (also see IAM)
- Biometrics
- Device
- Digital
- Federated
- Geolocation
- Identity Theft
- Knowledge Based
- Password Management
- Passwordless
- Phone as Token
- Physical Document Validation
- PKI Certificate Authorities
- RFID Cards
- Single Sign On
- Smart Cards
- SofToken & Capcha Graphic OTP
- Tokens (Hardware)
- Zero Trust Access

Browsing Securely
- DNS protection
- Hardened Browsing
- Hijack protection
- JavaScript Protection
- No ad-data tracking
- Phishing / Pharming Protection
- Private Searching
- Safe Banking & Shopping
- Site Blocking (Malicious Site Detection)
- URL Validation

Confidentiality of Data in Transit

- Computer Screen Eavesdropping
- Email: Encryption
- Encryption: Mobile Data
- Encryption: Transmission
- Keystroke Recording Interzeroference
- Messaging Security
- SSL Acceleration
- VOIP Security
- VPN
- Wireless

Confidentiality of Data in Storage

- Data Shredding
- Encryption: Data at Rest
- Email Archiving
- Removable Media Security
- Shared Data Repository Security

Device Access Control
- Device Reputation
- Network Access Control
- Reputation System
- Web Access Control
- Device Location

Digital Rights Management
- Digital Rights Management

Email & Messaging Security
- Compromised Email Account Detection
- Email Archiving & Retrieval
- Email Wiping & Self Destruction
- Malicious Email Detection
- Phishing / Pharming Prevention
- SPAM Filters & Protection

Employee Governance
- Data Loss Prevention (DLP)
- Insider Threats
- Instant Messenger & Similar
- Security Education
- Social Engineering
- Social Network Security & Management
- User Activity Recording & Management
- Website Filtering

Enterprise Security Management
- Agentless
- API Monitoring & Security
- Artificial Intelligence (AI)
- Auditing
- Behavior Analytics
- Big Data Security
- Brand Protection
- BYOD
- Cloud Agnostic
- Cloud Governance
- Cloud Hybrid Security
- Cloud Native Security
- Cloud Security
- Container Security
- Data Discovery and Management
- E-Discovery
- Forensics
- Incident Response
- Industrial Controls
- OT / IT Security
- Key Management
- Machine Learning
- MDR (Managed Detection / Response)
- Microsegmentation
- Orchestration
- Policy & Configuration Management
- Security Analytics
- SIEM (Security Information & Event Management)
- Security Visualization
- Situational Awareness
- SOAR
- SOC Automation / Enhancement
- Software Defined Security
- Third Party Risk Management (TPRM)
- Threat Intelligence Sharing
- Unstructured Data Security
- User Authorization

SINET Cybersecurity Taxonomy 2021

Fraud & Transaction Security
- Bitcoin Security
- Blockchain
- Data Integrity
- Data Provenance and Origin
- Device Authentication (see Authentication section)
- Document Signing & Security
- eTransactions / Digital Signatures
- Fraud Detection & Prevention
- Secure Browsing
- Secure Time Services

Identity & Access Management
- General IAM
- Behavior Analytics
- Identity Provisioning & Management
- Password Management
- Secure Supply Chain
- Single Sign-On

Network Security
- APT (Advanced Persistent Threat)
- Instant Messenger & Similar
- Peer to Peer Security & Management
- Secure Switches
- Traffic Analysis

Parental Controls
- Activity Recorder
- Computing Time Management
- Email monitoring
- Game Filters
- Instant Message / Chat Monitoring
- Program Blocking
- Social Media Monitoring
- Website Filtering

Personal Privacy
- Anonymous email
- Browsing Trace Removal
- Data & Message Shredding
- Document metadata removal
- Identity Theft Monitoring
- Location hiding / Anonymity networks
- Photo metadata removal
- Secure File Transfer
- Social Networking Security
- VPN

Regulatory Compliance
- Compliance Framework
- GDPR
- Government Standards
- Healthcare
- PCI
- Zero Trust

Secure Peripherals and Hardware
- Embedded Security
- Removable Media Security
- Secure Hardware Peripherals

Secure Product Development
- Application code security assessment:
- Certification Services
- DevSecOps
- Secure DevOps

Systems Integrity
- Amazon Machine Image (AMI / EC2)
- Android Security
- Application Security
- Botnet Protection
- Browser Security
- Configuration Management
- Data Lake Security
- Data Recovery - Disaster Recovery
- DDOS
- Directory Services
- DNS Security
- Email: Security
- End Point Security
- Firewall: Application, Enterprise, SIP
- Intrusion Detection/Prevention
- Insider Threat
- iOS Security
- Mobile App & Device Security
- Operational Resiliency
- OT Security
- Packet Capture
- Patch Management
- Penetration Testing
- Platform Reset
- Recovery Services
- Scanning & Risk Assessments
- Secure Architecture / Platform Provider
- Security Automation (Security Process Automation)
- Security Product QA
- Software Hardening
- Spyware Prevention & Adblocking
- Steganography
- Traffic Analysis
- User & Entity Behavior Analysis (UEBA)
- Virtualization
- Malware Detection – Sandbox
- Malware Detection – Endpoint
- Malware Detection – Ransomware
- Web Site/Server Security
- White-list Security
- XDR (Extended Detection & Response)
- Zero Day Vulnerability
- Reduces Technical Debt

Internet of Things (IoT)
- IoT Authentication
- IoT Network Security
- IoT encryption
- IoT Embedded Security
- IoT PKI
- IoT Security Analytics