SINET Cybersecurity Taxonomy 2017

**Active Response**
- Active Response
- Adversary Exploitation Tools
- Deception Security

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

**Authentication**
- Biometrics
- Context Based
- Device
- Digital
- Federated
- Geolocation
- Identity Theft
- IoT Focused
- Knowledge Based
- Password Management
- Phone Based
- Physical Document Validation
- PKI Certificate Authorities
- RFID Cards
- Single Sign On
- Smart Cards
- SofToken & Capcha Graphic OTP
- Tokens (Hardware)

**Browsing Securely**
- Browser Trace Removal
- 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: Cell or Mobile Phones
- Encryption: Transmission
- Keystroke Recording Interference
- Messaging Security
- SSL Acceleration
- VOIP Security
- VPN
- Wireless

**Confidentiality of Data in Storage**
- Data Shredding
- Email Archiving
- Removable Media Security
- Shared Data Repository Security

**Device Access Control**
- Device Reputation
- Network Access Control
- Remote Desktop
- 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
- Password Sharing Prevention
- Security Education
- Social Engineering
- Social Network Security & Management
- User Activity Management
- User Activity Recording
- Website Filters
Enterprise Security Management
- Auditing
- Behavior Analytics
- Big Data Security
- Brand Protection
- BYOD
- Cloud Security
- Data Discovery and Management
- E-Discovery
- Forensics
- Incident Response
- Key Management
- Policy & Configuration Management
- Security Analytics
- SIEM (Security Information & Event Management)
- Security Visualization
- Situational Awareness
- Threat Intelligence Sharing
- Unstructured Data Security
- User Authorization

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

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

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

Parental Controls
- Activity recorder
- Computing Time Management
- Email monitoring
- Game Filter
- Instant Message / Chat Monitoring
- Key Word Alert
- Parental controls for Android
- Parental controls for iOS
- Program Blocking
- Social Media Monitoring
- Web site filter

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
- Government Standards
- Healthcare Compliance
- PCI Compliance
- Personal Privacy
- Regulatory Compliance

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

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

Systems Integrity
- Android Security
- Application Security
- Botnet Protection
- Browser Security
- Configuration Management
- Data Recovery - Disaster Recovery
- DDoS
- Directory Services
- DNS Security
- Email: Malware Detection
- Email: Ransomware Detection
- Email: Content Mgt & Filtering
- End Point Security
- Firewall: Application
- Firewall: Perimeter
- Firewall: Personal
- Firewall: SIP
- Intrusion Detection/Prevention
- Insider Threat
- iOS Security
- Linux Security
- Mobile Device / Phone / Tablet
- Network Cloaking
- Packet Capture
- Platform Reset
- Recovery Services
- Scanning & Risk Assessments
  - Secure Architecture / Platform Provider
- 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
• Automotive
• Operational Technology (OT) Security

• Web Site/Server Security
• White-list Security
• Zero Day Vulnerability

**Internet of Things (IoT)**

• Industrial Controls
• Wearables