



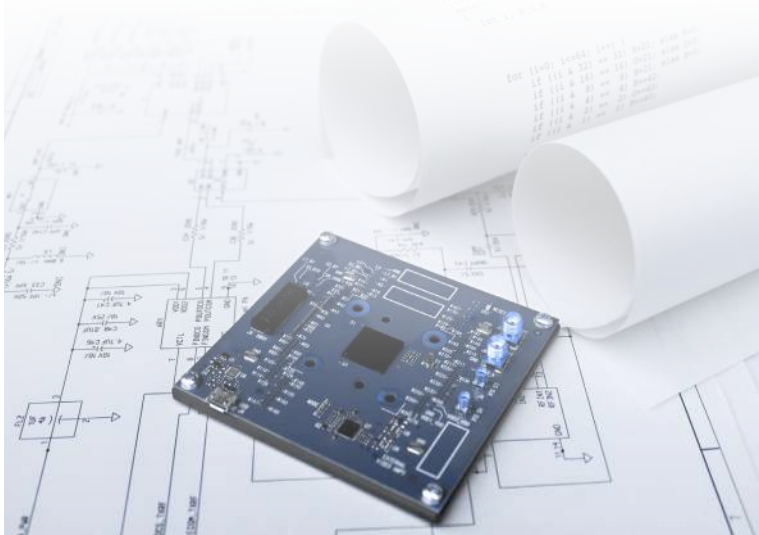
# Information Security



## Protecting Your IP

Protecting your intellectual property is as important to us as it is to you. Amkor has invested in a focused cyber security team with a mission to continually monitor and improve our overall security and that of our customer interfacing systems. Our cyber security program is based on SANS20 framework to identify risks and enhance security at every level, from end user devices to global networks and data centers.

Because Amkor takes cyber security seriously, this is one area that we are investing in heavily – now and in the future, to further strengthen our security program.



## Key Elements

Amkor Technology provides an extensive range of information security capabilities to all members of the Amkor global community.



Infrastructure Protection



End User Protection



Dedicated InfoSec Team



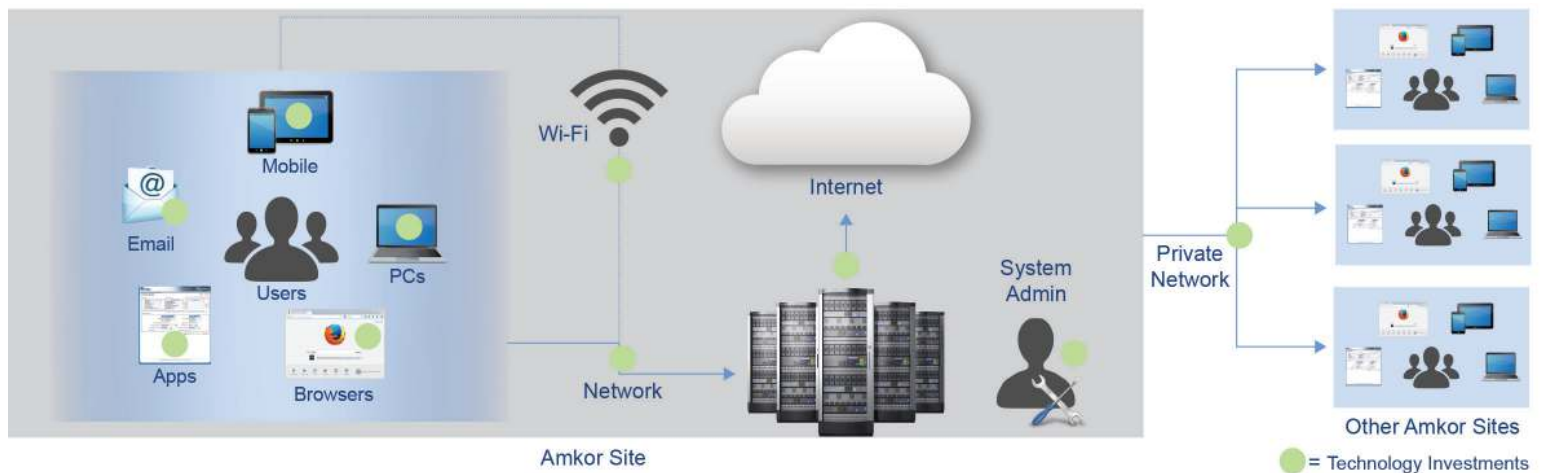
Add-On Services

## Contact Us

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# Strengthening Cyber Security at Every Level



## Infrastructure Protection

- **Physical Security**
  - CCTV: 24/7/365 monitored areas
  - 24/7 Security hotline
  - Badge and RFID controls to all gates, turnstiles & doors
  - Metal detectors and physical pat-downs
- **Key Infrastructure Protection**
  - Privileged access management for all admin accounts
  - Firewalls for every egress point
- **Perimeter Security**
  - Monitored & controlled DMZ
  - Managed FTP and FTPS
  - URL filtering at each egress point
- **Network Infrastructure**
  - Private MPLS network across all factories
  - Wireless LAN guest access controls
  - VLANS segregation
- **Data Centers**
  - Controlled and monitored physical access
  - 24/7/365 CCTV monitoring
  - Firewall separation of datacenters

### Notes:

1. Some variations may exist among different locations and not all services are replicated at all sites.
2. List includes current security features, Amkor continues to invest heavily in security with additional security controls being added. Relevant sections of the security roadmap can be shared in a face-to-face meeting.

## Dedicated InfoSec Team

- **Security Organization**
  - Global InfoSec team lead by CISO
  - Global security program based on SANS20 framework
  - Global InfoSec policies and procedures
  - Designated InfoSec leader and incident response team at each site
  - Continued investment in enhancing cyber security
- **Regulatory Compliance**
  - Sarbanes Oxley and ITAR
- **Customer Compliance**
  - Customer driven security audits
  - Periodic security assessments
- **Awards**
  - Recipient of CSO 50 2016 Award by IDG Enterprise



## End User Protection

- **Application Controls**
  - Quarterly account and access reviews for critical systems
  - Segregation of Duties (SOD) where required
- **End User Devices (PCs, Laptops)**
  - Anti-virus and malware protection
  - Laptop whole disk encryption
  - Mobile device management
- **Email (O365)**
  - Anti-spam controls
  - DLP Light for email (tagging, tracking based on keywords)
- **End Users/Operators**
  - Cyber Security Awareness training
  - Global directory (Success Factors, Active Directory)
  - Role based access controls
  - RFID badge integration
  - AD controlled access management
  - Strong password policies

## Add-On Services

- **Customized Security Services for Additional Fees**
  - Access controlled and encrypted repositories
  - DRM for critical documents
  - Network isolated server rooms
  - Dedicated circuits
  - Dedicated firewalls
  - Dedicated servers
  - Dedicated secure FTP server
  - DLP tagging, tracking or blocking of email, files
  - Customer specific partitioning on some systems