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1976

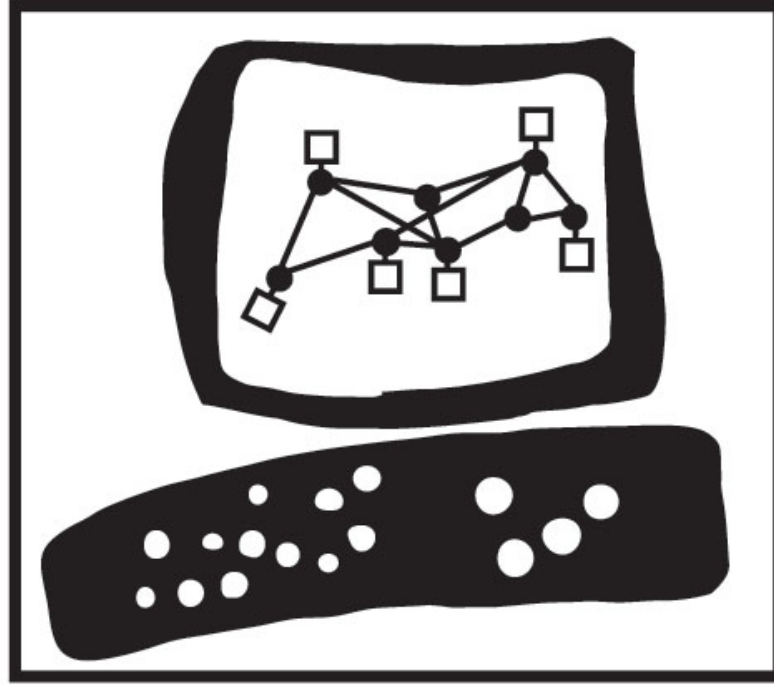


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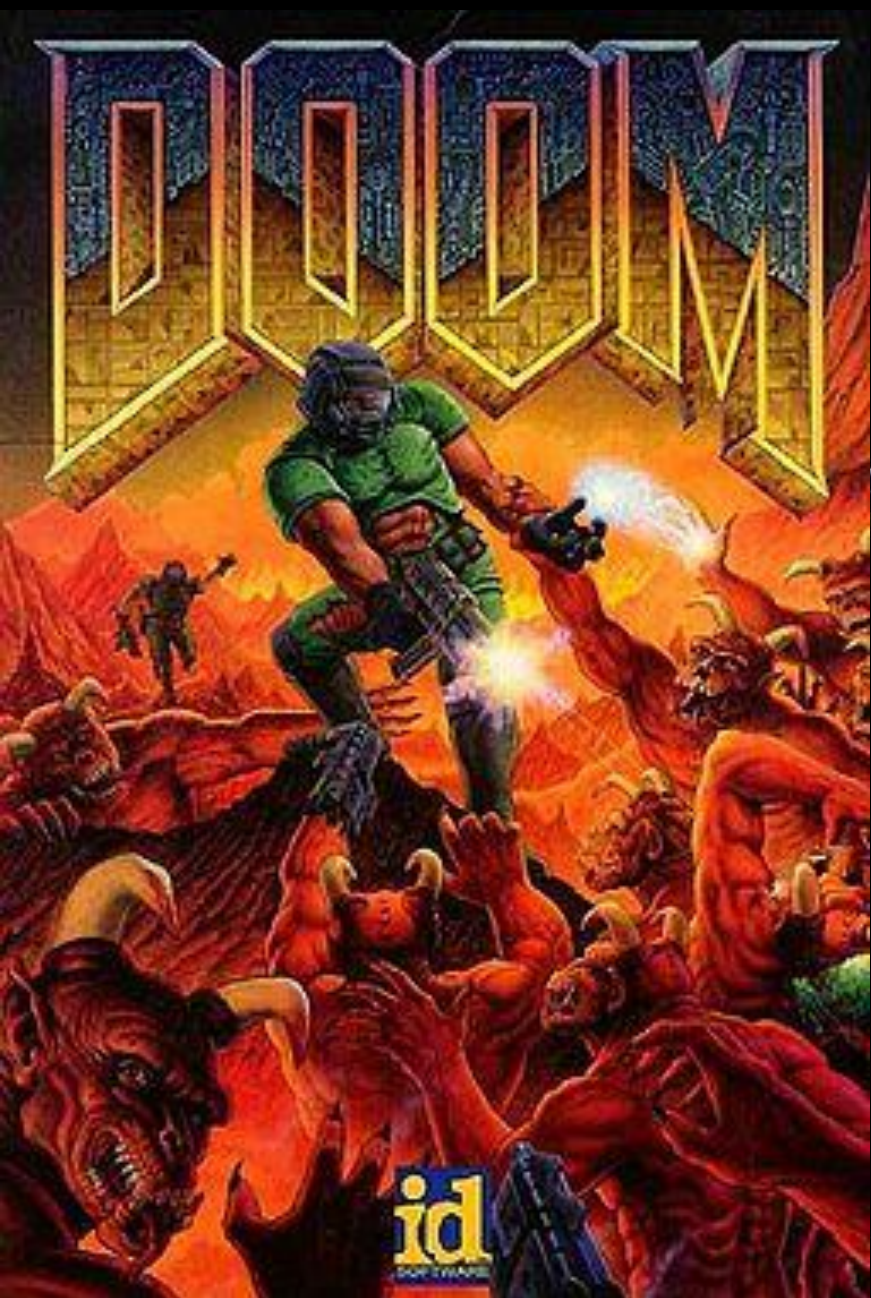
WELCOME TO THE FUTURE OF CYBER SECURITY

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```

QVT/Term - 137.123.1.101 [logon]
File Edit View Setup Keymaps Font Printer Transfer Help
Internet Gopher Information Client v2.1.4
Home Gopher server: gopher.cortland.edu

--> 1. Foreign Language Teaching Forum
    2. FLTEACH Welcome Message
    3. Foreign Language Electronic Resources (collected at FLTEACH)/
    4. Search FLTEACH Subscriber Biographies <?>
    5. FLTEACH Subscriber Biographical Information (recent)
    6. FLTEACH Subscriber Biographical Information A-L
    7. FLTEACH Subscriber Biographical Information II-2
    8. Foreign Language Methods Syllabi (collected at FLTEACH)/
    9. FLTEACH World Wide Web Page <HTML>
  
```

T - 0:00:03
 (1:1) (Cave: RedWolf's Notes) : ?

THE CAVE BBS

cavebbs.homeip.net ■ Main Menu ■ www.cavebbs.com

- | | | |
|---|---|---|
| ■Message Base Commands■
(N)New Message Scan
(P)Post a Message
(S)Scan Current Sub
(Z)Scan New Nonstop
(F)Find Text In Messages
(*)List Sub Titles
(/*)List Area Titles
(#)Go to Sub #
(/#)Go to Area # | ■System Features■
(T)Files Section
(.)Online Games
(G)Cave Library Files
(E)E-Mail Menu
(D)Defaults Section
(C)Chat Area
(\$)Time/Credit Bank
(M)QWK Mail Packer
(&)Message Base Config | ■Other Menu Co
(A)Auto Messag
(U)User List
(L)BBS List
(I)System Info
(O)Log Off
(/O)Quick Log
(CTRL-U)Who's
(CTRL-P)Page U
(CTRL-C)Abort |
|---|---|---|

T - 0:00:04
 (1:1) (Cave: RedWolf's Notes) :

Unregistered | ANSI-BBS | 38400-N81 FDX | Online 00:00



Check Point

AMosaic 1.1: Document View

Title: Amiga Mosaic Home
 URL: http://insti/AMosaic/

Back Forward Home Open

Welcome to Amiga Mosaic! Amiga Mosaic is based on Mosaic, but is *not* distributed by the University of Illinois or NCSA. It was developed by [Michael Fischer](#), [Michael Witbrock](#), and [Mike Meyer](#). To subscribe to the Mosaic mailing list, send mail to witbrock@cmu.edu. To subscribe to the Amiga Mosaic mailing list, send to amosaic@max.physics.sunysb.edu.

The current version of Amiga Mosaic is 1.1, and is available at [http://insti/AMosaic/](#).

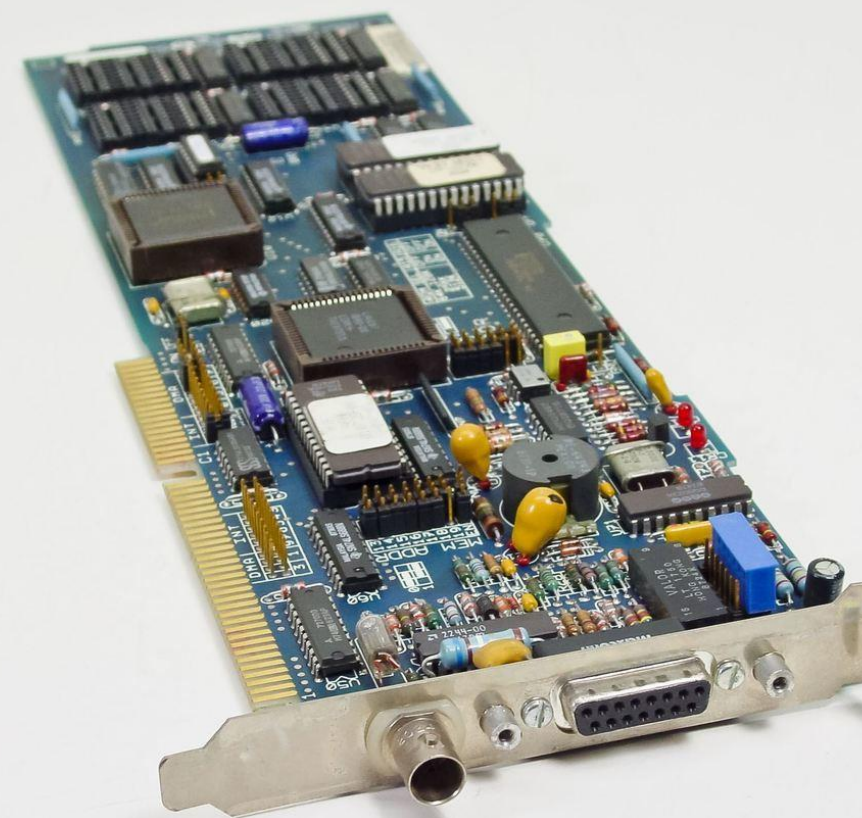
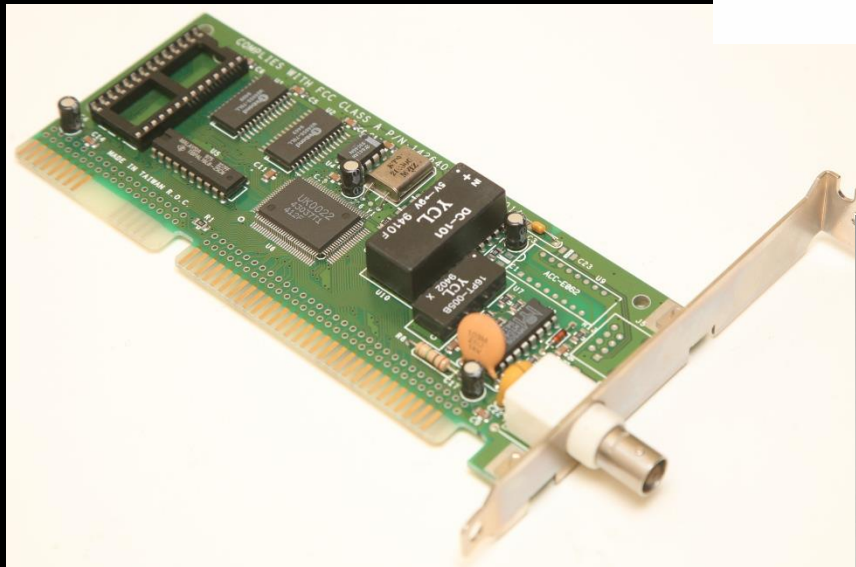
Please report all bugs to amosaic-bugs@max.physics.sunysb.edu. Bug reports to the individual developers! Thanks.

Amiga Mosaic Information

Connection



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Evolving firewalls



1988

1st whitepaper

1990

Circuit level gateway AT&T

1992

DEC first firewall ever

SEAL

Application	Not Enforced
Presentation	
Session	
Transport	Conditionally Enforced
Network	Enforced
Data Link	N/A
Physical	

Evolving firewalls



Application	Conditionally Enforced
Presentation	Enforced
Session	
Transport	
Network	
Data Link	N/A
Physical	

1994

Check Point introduces
Firewall 1.0

TIS Gauntlet introduced



CheckPoint FireWall-1 Rule Base Editor

File ▾ Rule ▾ Policy ▾ Access Lists ▾ Utilities ▾ Properties... ▾ Help ▾

Windows: Network Objects Users Services System View
 Log Viewer Resources Time Servers

No.	Source	Destination	Services	Action	Track	Install On	Time
1	Any	monk	Any	reject	Alert	Dst	Any
2	monk	Any	Any	reject		Src	Any
3	Any	MailServer	snmp	accept			
4	localnet	Any	Any	accept			
5	Any	DMZ	ftp http	accept			
6	Any	Any	Any	reject			

Objects saved

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No.	Source	Destination	Service	Action	Track	Install On
1	Any	monk	Any	reject	Long	Gateways
2	Any	mailsvr	smtp	accept	Short	Gateways
3	localnet	Any	Any	accept	Short	Gateways
4	Any	Unf2	http ftp	accept	Short	Gateways
5	All Users@Any	Any	telnet	User Auth	Long	Gateways
6	Any	Any	Any	reject	Long	Gateways

Microsoft
W

95

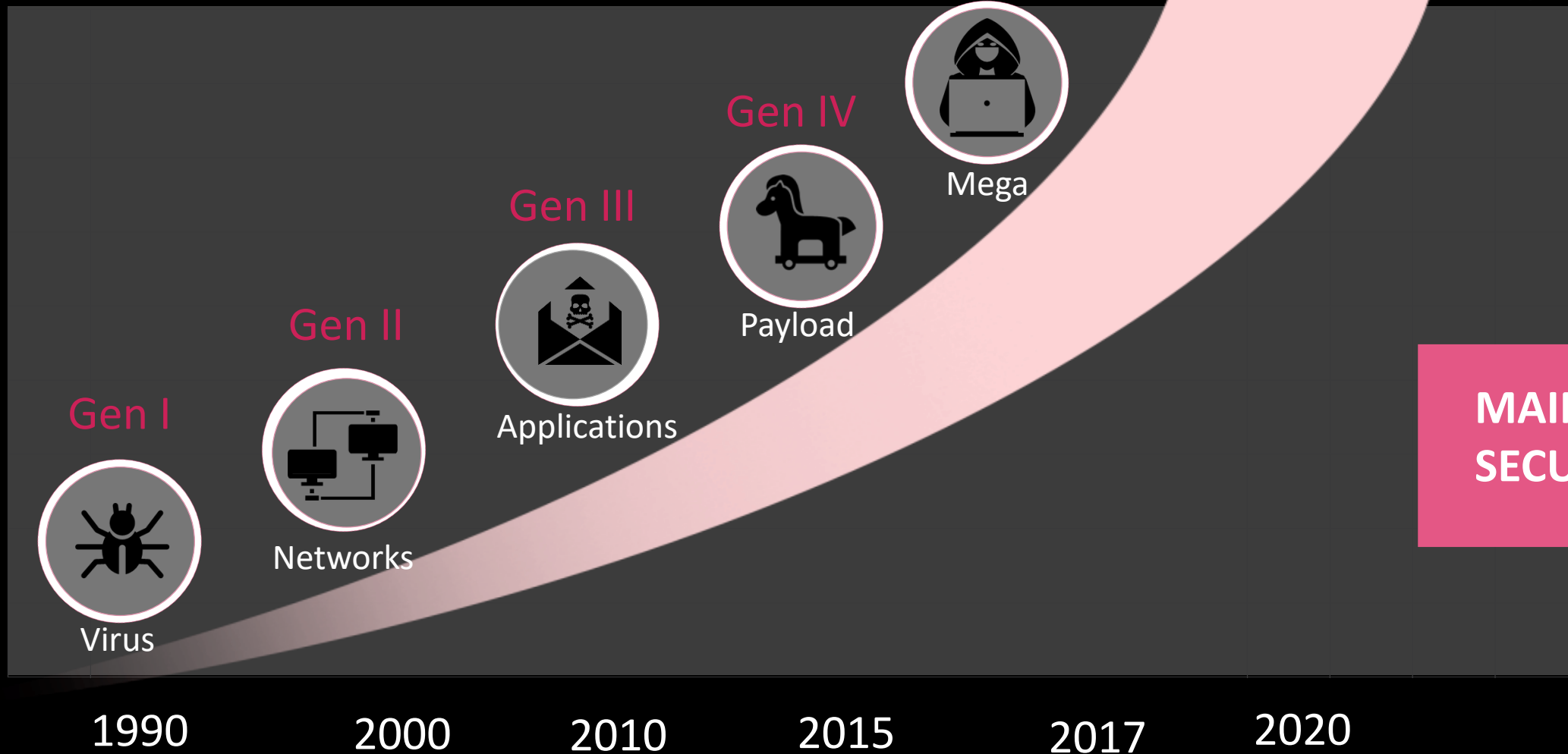


Y2K

Evolving threats



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You Need a Small Army of Security Technologies



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CYBERscape: Q1 2018

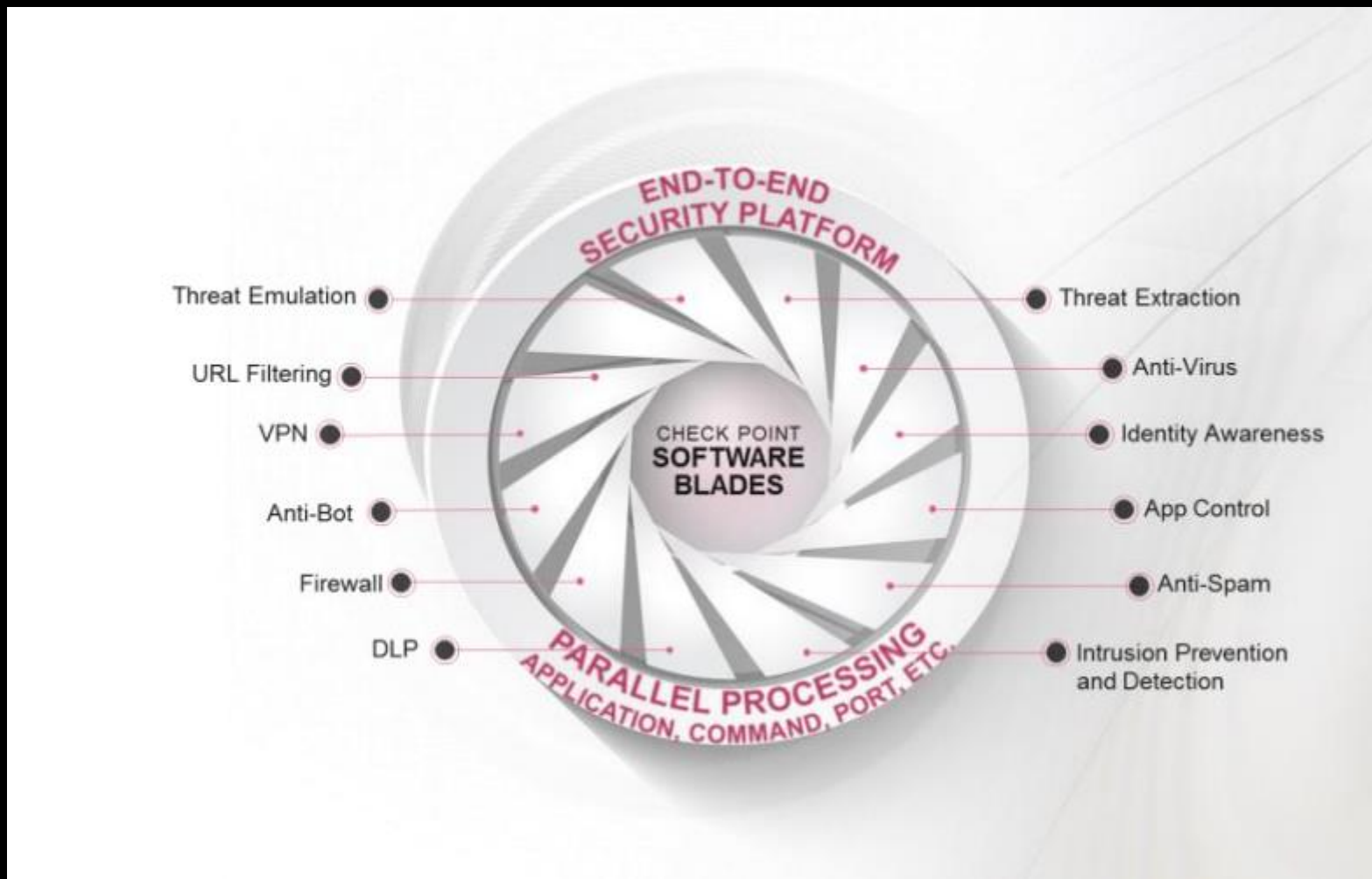
The image displays a comprehensive grid of cybersecurity logos, organized into several major categories:

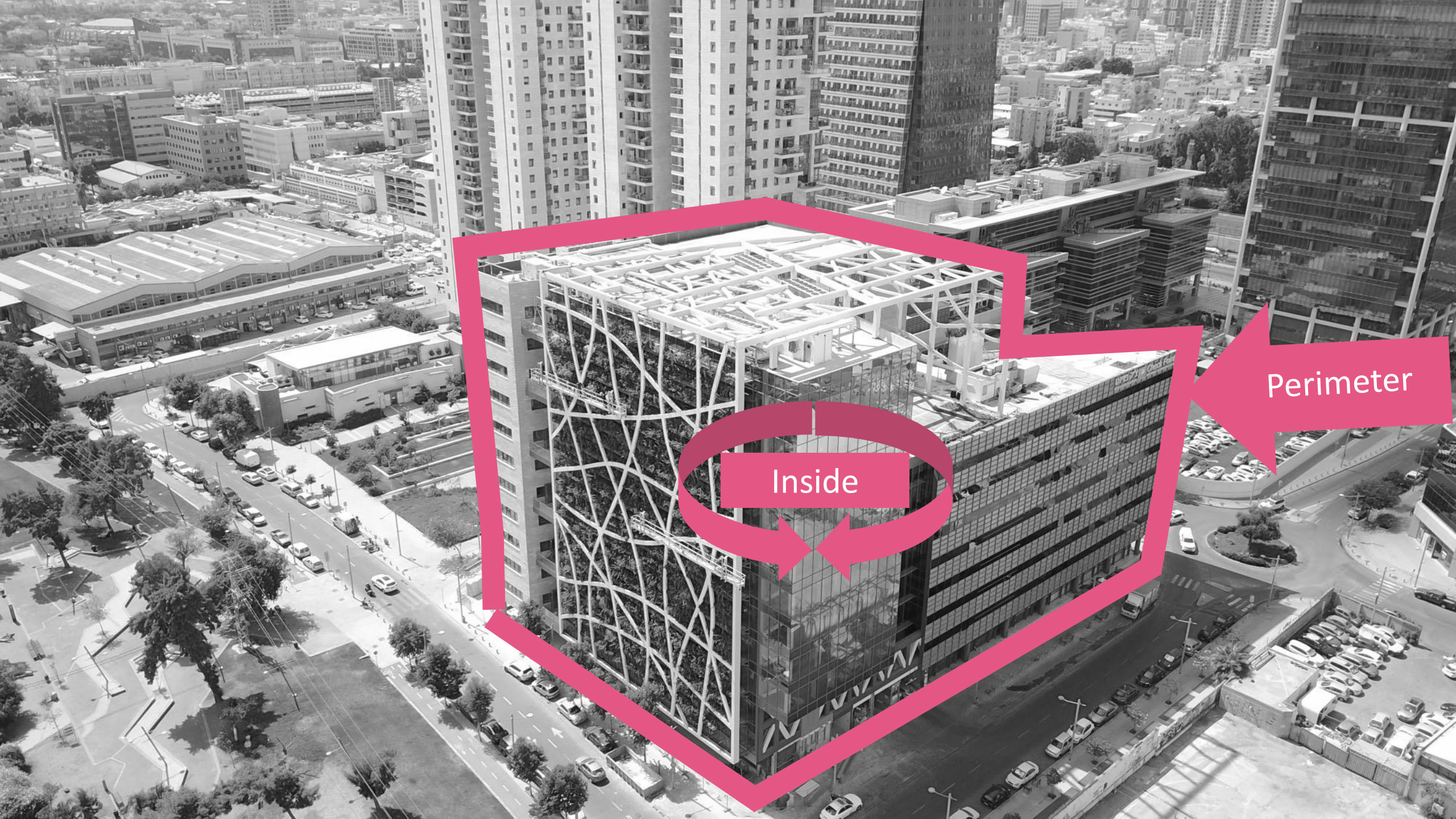
- Network & Infrastructure Security:** Includes sub-sections like Advanced Threat Prevention, NAC, IDN, Cloud Protection, and DNS Security. Companies listed include Cisco, Palo Alto Networks, Fortinet, and many others.
- Web Security:** Features companies like Symantec, Trend Micro, and others.
- Endpoint Security:** Lists companies such as McAfee, Symantec, and others.
- Application Security:** Includes sub-sections like Web & Application Security and Application Security Testing.
- MSP:** Managed Security Provider services.
- Data Security:** Includes sub-sections like Data Privacy and Data Protection.
- Mobile Security:** Focuses on mobile device protection.
- Risk & Compliance:** Includes Risk Assessment & Visibility and Security Ratings.
- Security Operations & Incident Response:** A large section with many logos.
- Threat Intelligence:** Companies like Anomali and Blueliv.
- IoT:** Internet of Things security solutions.
- Messaging Security:** Focuses on communication security.
- Identity & Access Management:** Includes authentication and access control solutions.
- Digital Risk Management:** Companies like BrandProtect and others.
- Security Consulting:** Consulting firms in the security space.
- Blockchain:** Emerging technology security solutions.
- Fraud & Transaction Security:** Focuses on financial security.
- Cloud Security:** Security solutions for cloud environments.



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Changing the product





Perimeter

Inside

The image features a close-up, slightly blurred view of two flags. On the left is the Union Jack, showing its characteristic red, white, and blue stripes and canton. On the right is the European Union flag, with its blue field and twelve golden-yellow stars arranged in a circle. The two flags overlap in the center. Overlaid on this intersection is the year '2016' in a large, bold, pink font.

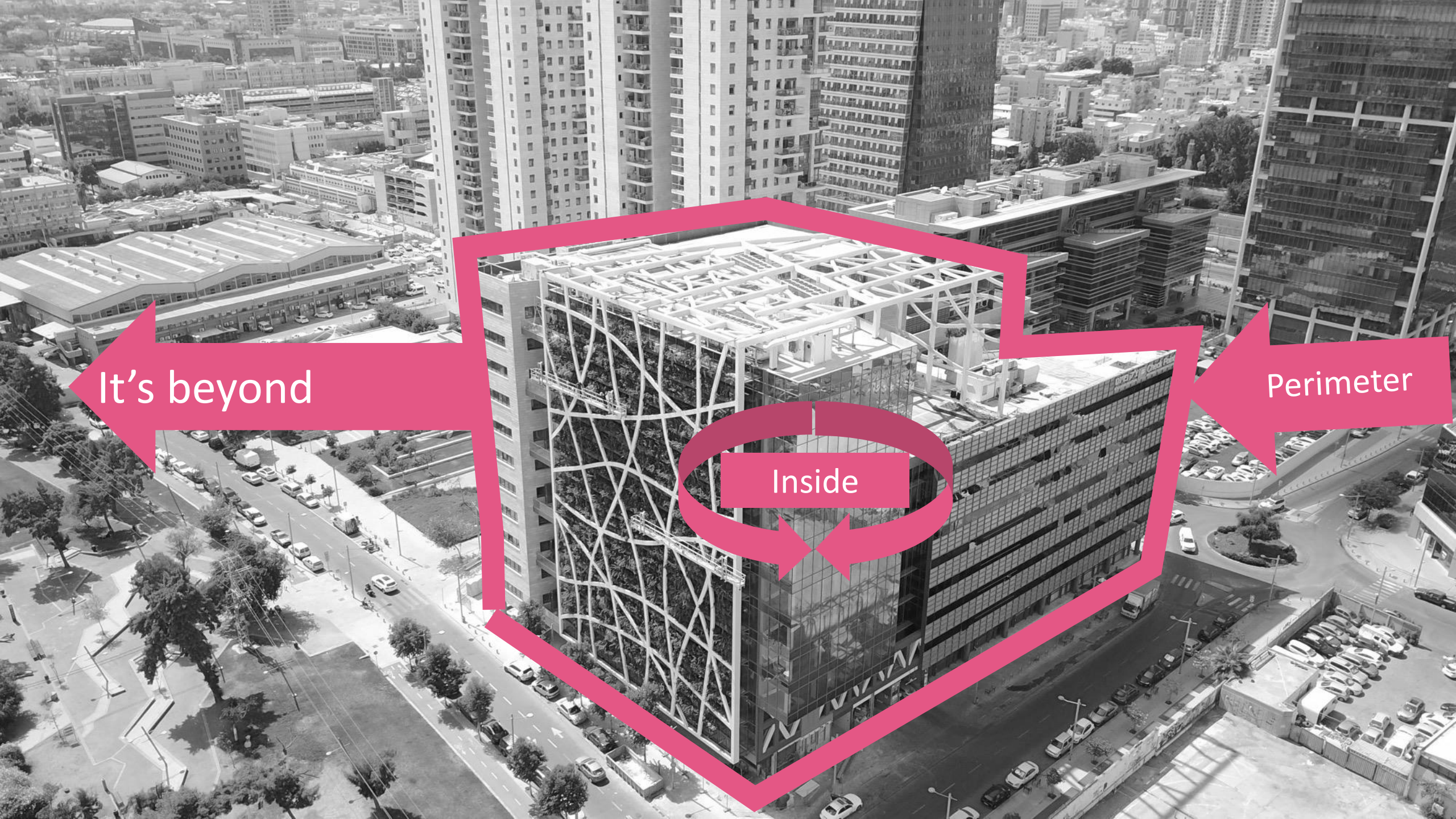
2016

MOBILE





CLOUD



It's beyond

Perimeter

Inside



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2019

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The Global Risks Report 2018



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Top 5 Global Risks in Terms of Likelihood

	2016	2017	2018
1st	Large-scale involuntary migration	Extreme weather events	Extreme weather events
2nd	Extreme weather events	Large-scale involuntary migration	Natural disasters
3rd	Failure of climate-change mitigation and adaptation	Major natural disasters	Cyberattacks
4th	Interstate conflict with regional consequences	Large-scale terrorist attacks	Data fraud or theft
5th	Major natural catastrophes	Massive incident of data fraud/theft	Failure of climate-change mitigation and adaptation

age of THINGS

“Computer less” computing –
Web Services, Cloud Functions, SaaS

Everything is interconnected,
everything is a target





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Changing approach

Past: Monolithic Gateway Architecture

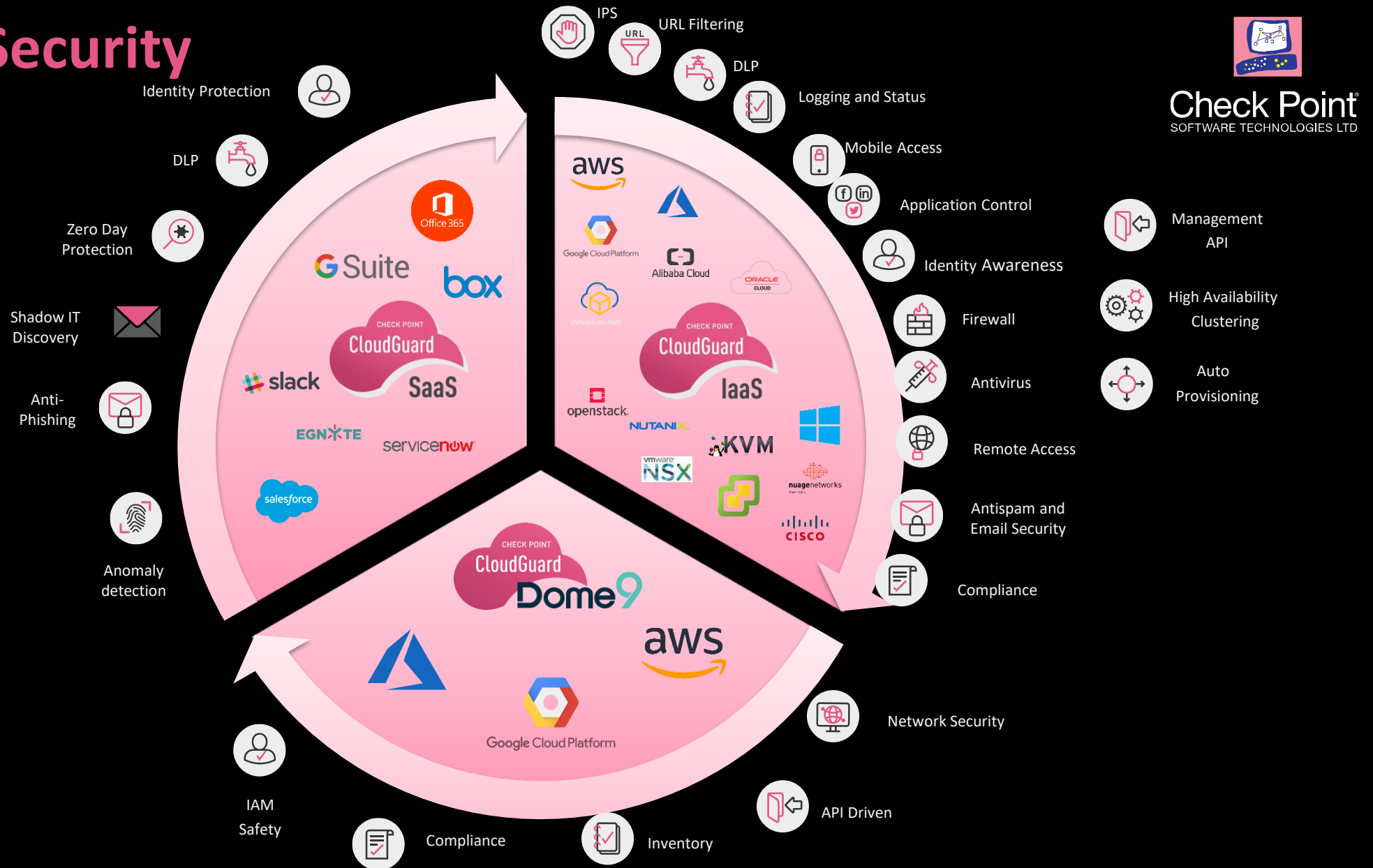
Tightly Coupled Security Services and Security Delivery



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360° Cloud Security





Telecom

Smart cities

cloud

Healthcare

Utilities

Smart buildings

Manufacturing

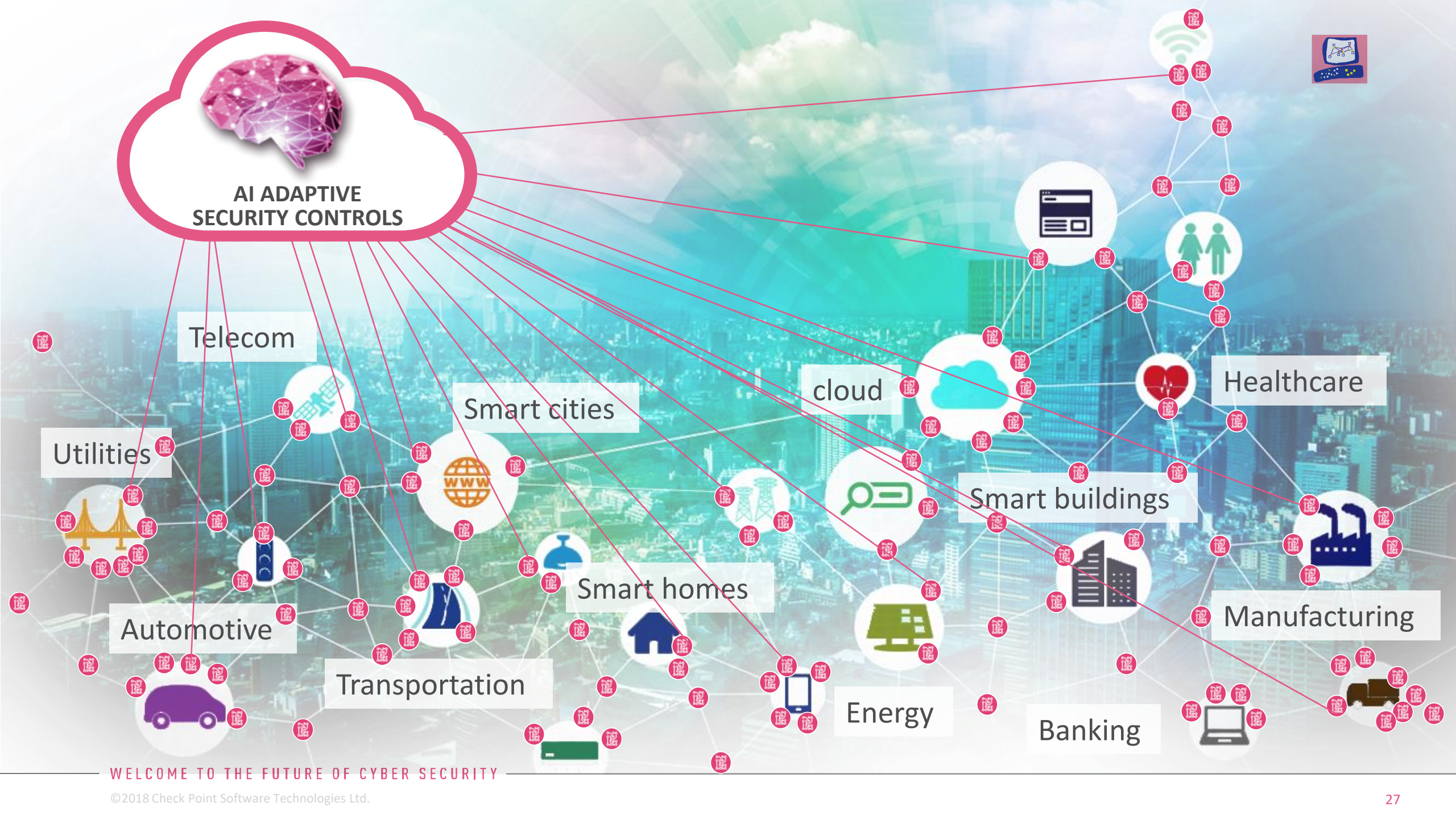
Automotive

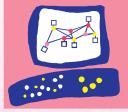
Smart homes

Energy

Banking

Transportation





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THANK YOU

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CYBER SECURITY

POWERED BY  CHECK POINT
INFINITY

CLOUD • MOBILE • THREAT PREVENTION