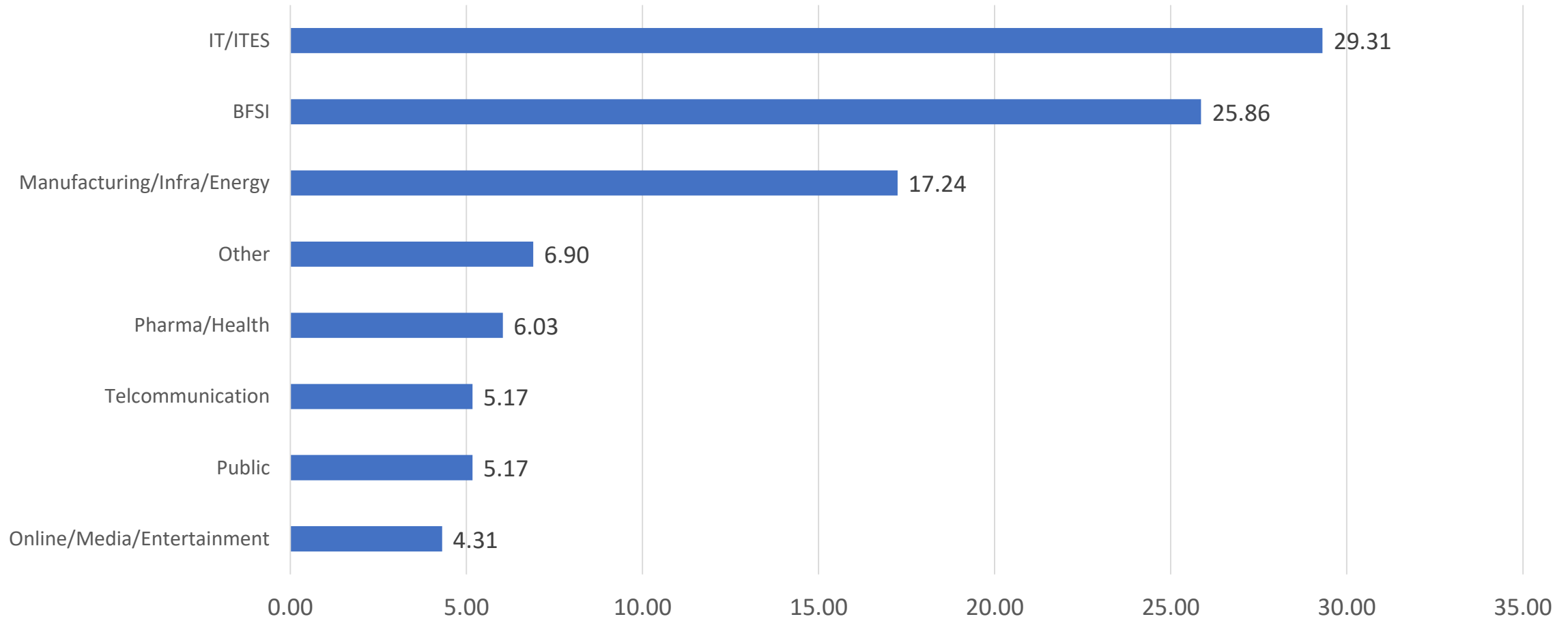


India Security Buying Priority Report (2017) & FireCompass Top Viewed Products, Popular Comparisons

Background

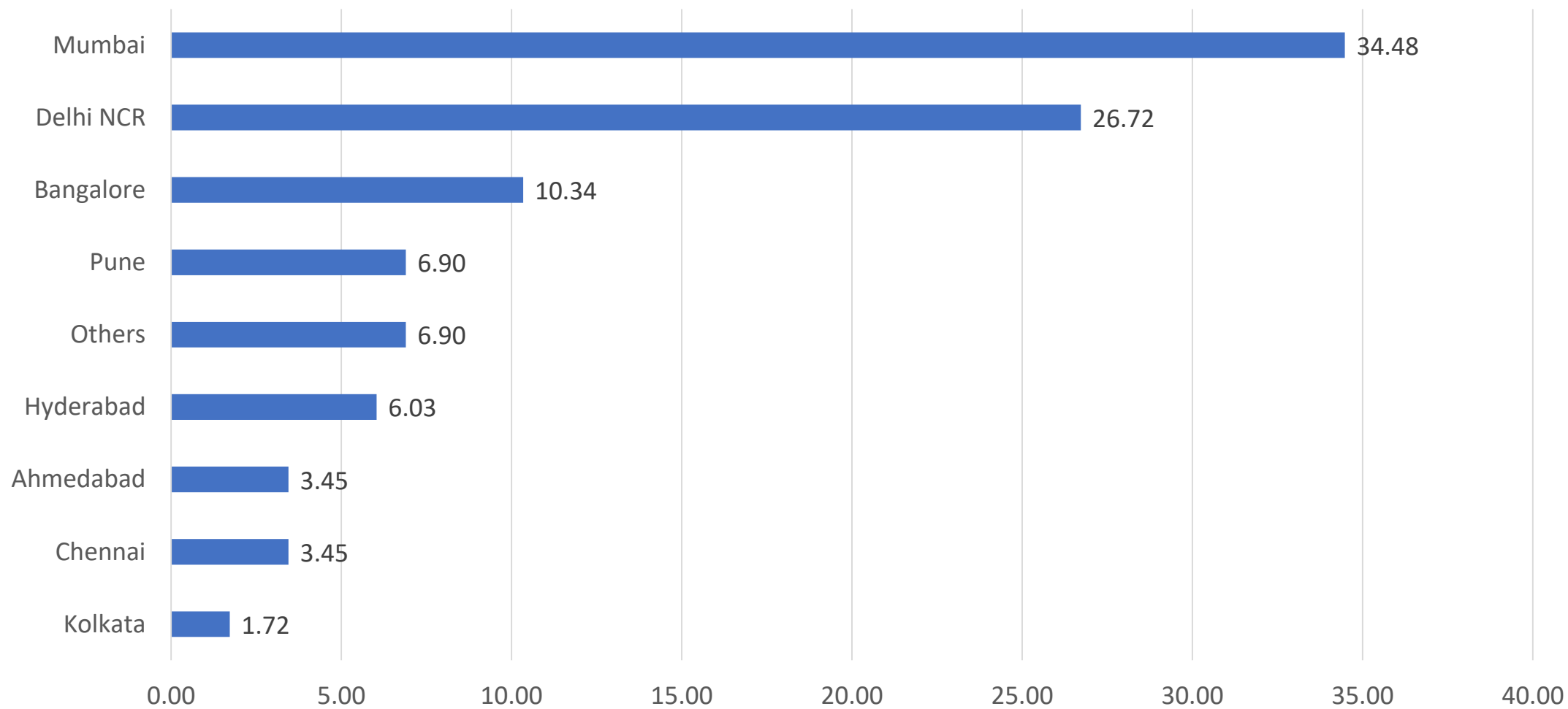
- **Security Technology Adoption Report 2017** is a study by FireCompass & CISO platform. This survey was conducted where CISO's were invited to take the survey online. The results discussed in the report are based on the responses of CISO's across the country.
- **Data Points:** There are more than 350+ data points of CISO across the country.

Industry Break up of Survey Participants



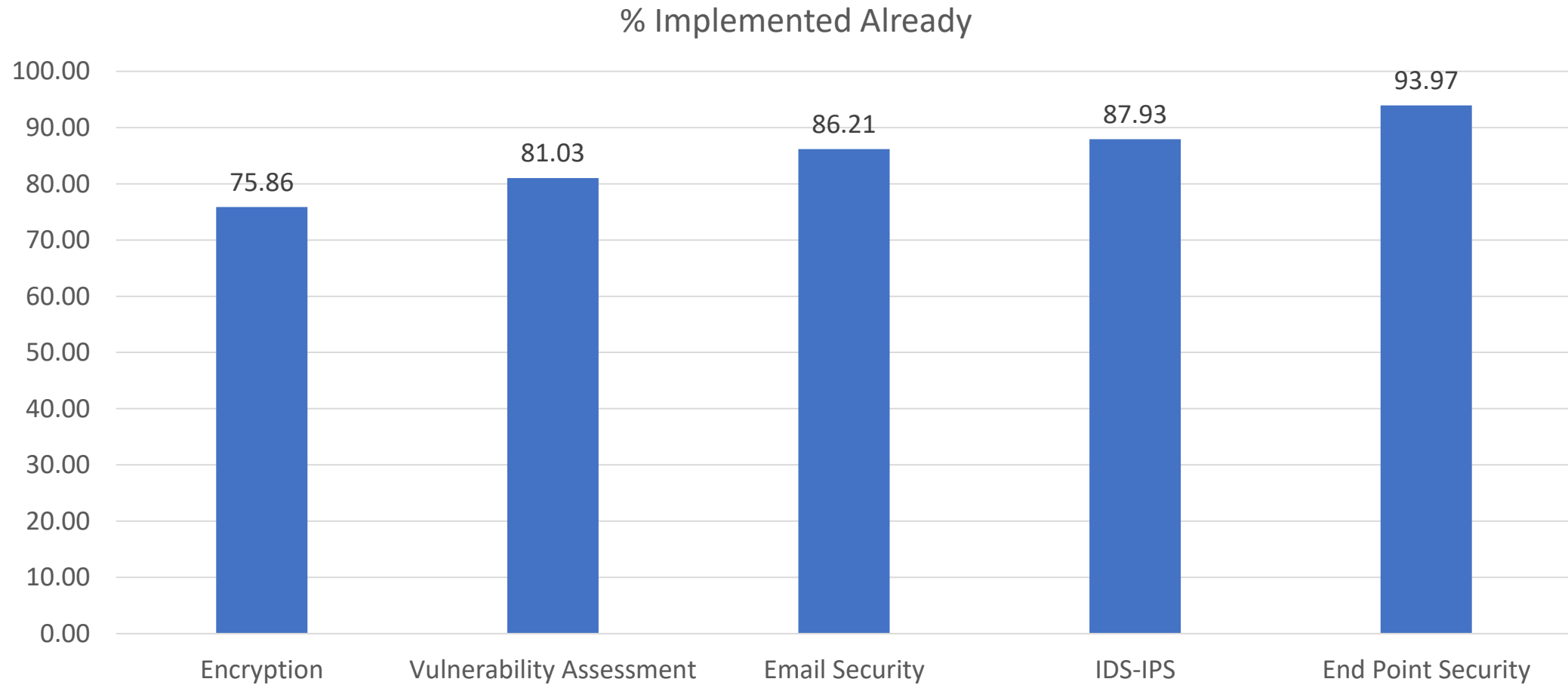
Others include cash management, travel, education etc.

Region Wise Break up of Survey Participants

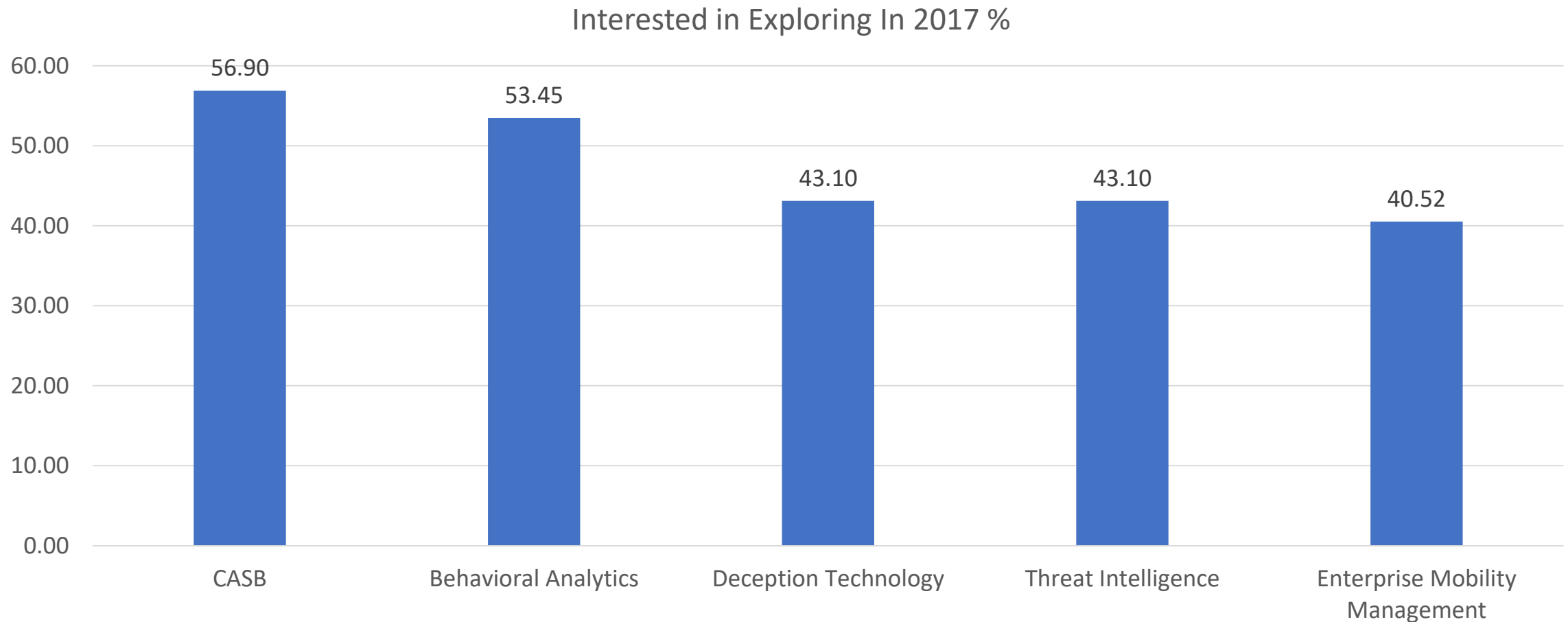


Others include Ranchi, Kochi, Jaipur etc.

Most Matured Technologies



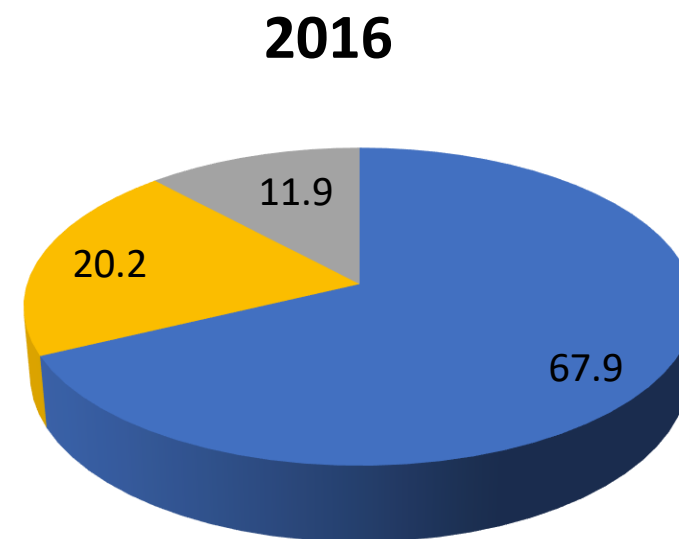
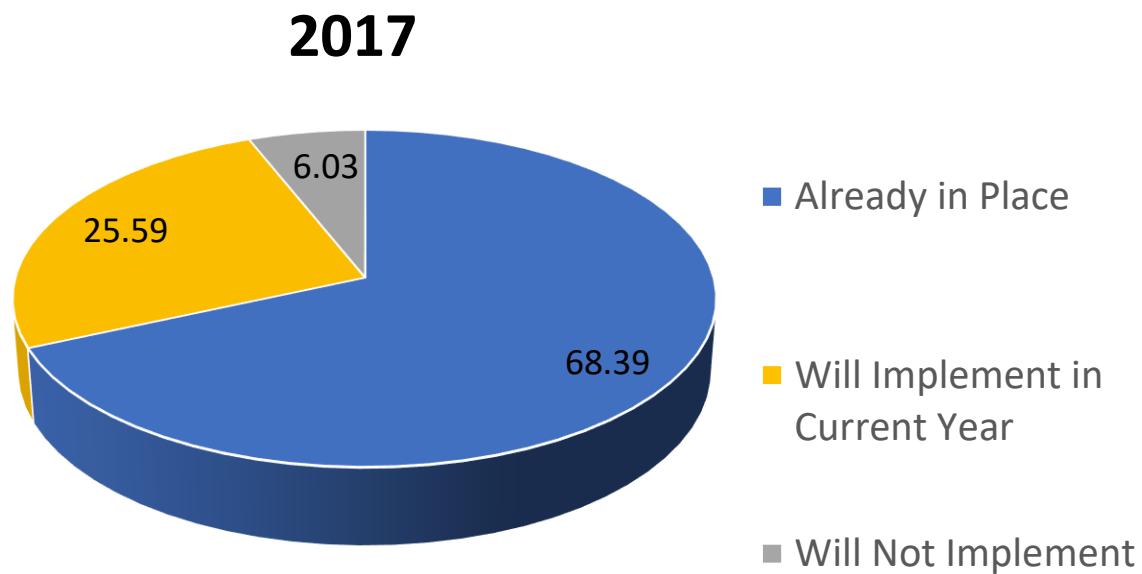
Most Emerging Technologies



Application Security Testing

Application Security Testing Implementation Status

Implementation Status of AppSec Over Last 2 Years (in %)



Application Security Testing across domains

| Industry | Implementation (%) | Will Implement in CY (%) | Will Not Implement(%) |
|----------------------------|--------------------|--------------------------|-----------------------|
| BFSI | 68.25 | 21.75 | 10.00 |
| IT/ITES | 67.65 | 23.53 | 8.82 |
| Manufacturing/Infra/Energy | 30.00 | 40.00 | 30.00 |
| Other | 57.50 | 37.50 | 5.00 |
| Pharma/Health | 60.00 | 35.00 | 5.00 |
| Public | 70.00 | 13.33 | 16.67 |
| Online/Media/Entertainment | 66.67 | 21.11 | 12.22 |
| Telecom | 83.33 | 16.67 | 0.00 |

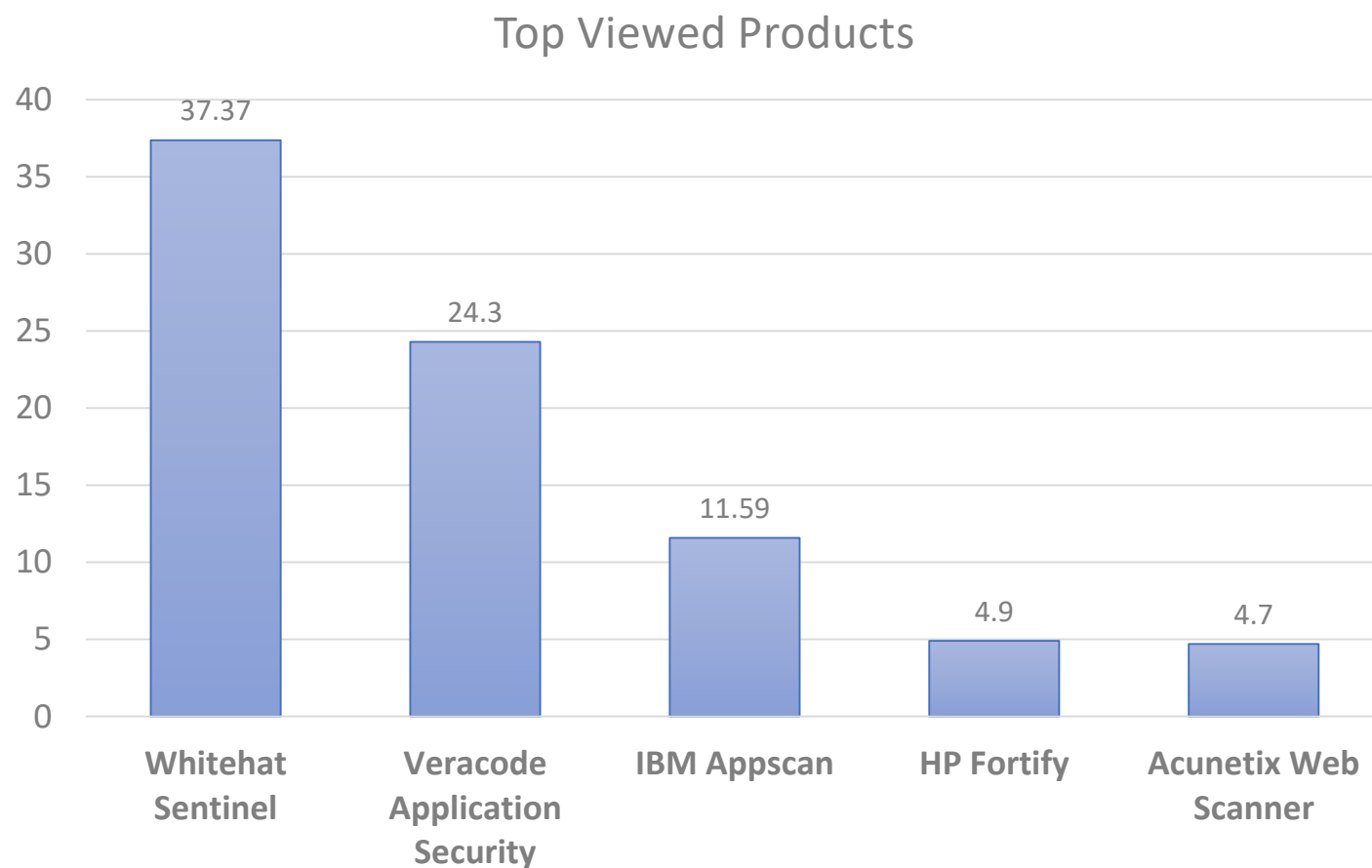
Application Security Testing across regions

| Region | Implementation (%) | Will Implement in CY (%) | Will Not Implement(%) |
|-----------|--------------------|--------------------------|-----------------------|
| Ahmedabad | 35.00 | 25.00 | 40.00 |
| Bangalore | 66.67 | 8.33 | 25.00 |
| Chennai | 35.00 | 25.00 | 40.00 |
| Delhi NCR | 65.06 | 28.48 | 6.45 |
| Hyderabad | 60.00 | 29.00 | 11.00 |
| Kolkata | 44.50 | 41.50 | 14.00 |
| Mumbai | 72.50 | 25.00 | 2.50 |
| Others | 45.00 | 37.25 | 17.75 |
| Pune | 56.50 | 31.00 | 12.50 |

FireCompass Stats For AST Market

- Top Viewed Products:

- **Whitehat security** is most viewed product in AST market with 37%
- **Veracode & IBM** are 2nd and 3rd with 24% and 11% respectively



FireCompass Stats For AST Market

- **Popular Comparisons:**

- Veracode Application Security vs. Whitehat security
- IBM Appscan VS HP Fortify
- IBM Appscan vs. Veracode Application Security
- Whitehat security vs. IBM Appscan

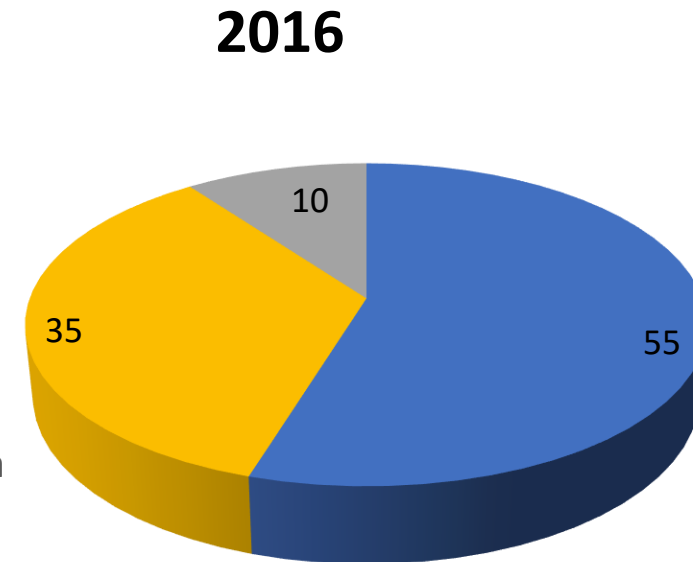
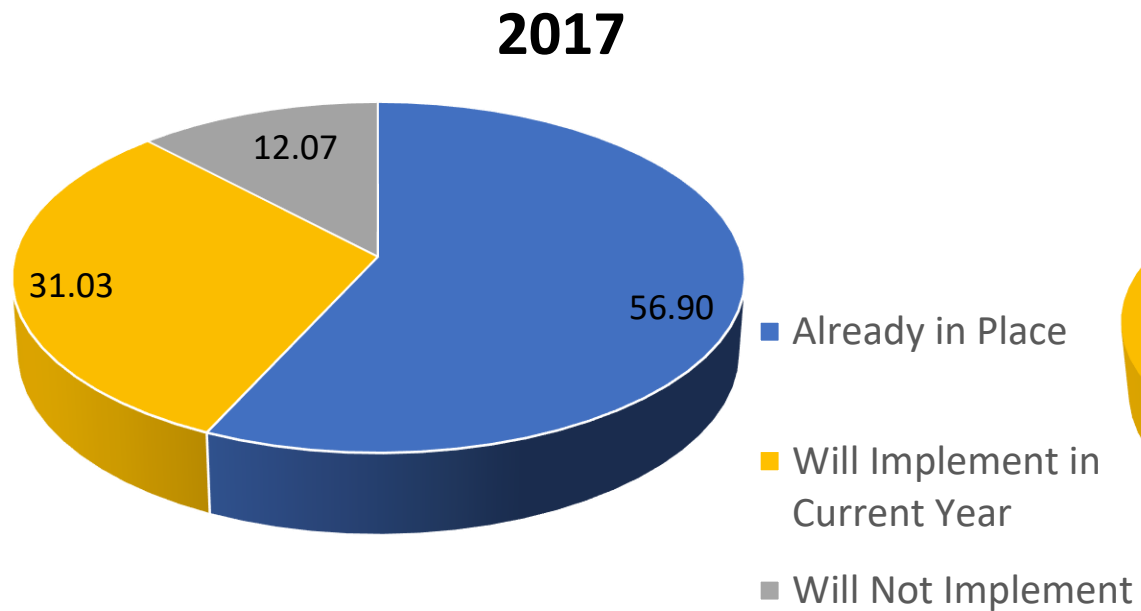
- **Top Rated Products:**

- WhiteHat Sentinel Product Family: 5/5
- Veracode Application Security Software: 5/5
- IBM App Scan Standard: 4.5/5
- HPE Fortify: 4.3/5

Distributed Denial of Service (DDOS)

DDOS Implementation Status

Implementation Status of DDOS Over Last 2 Years (in %)



DDOS across domains

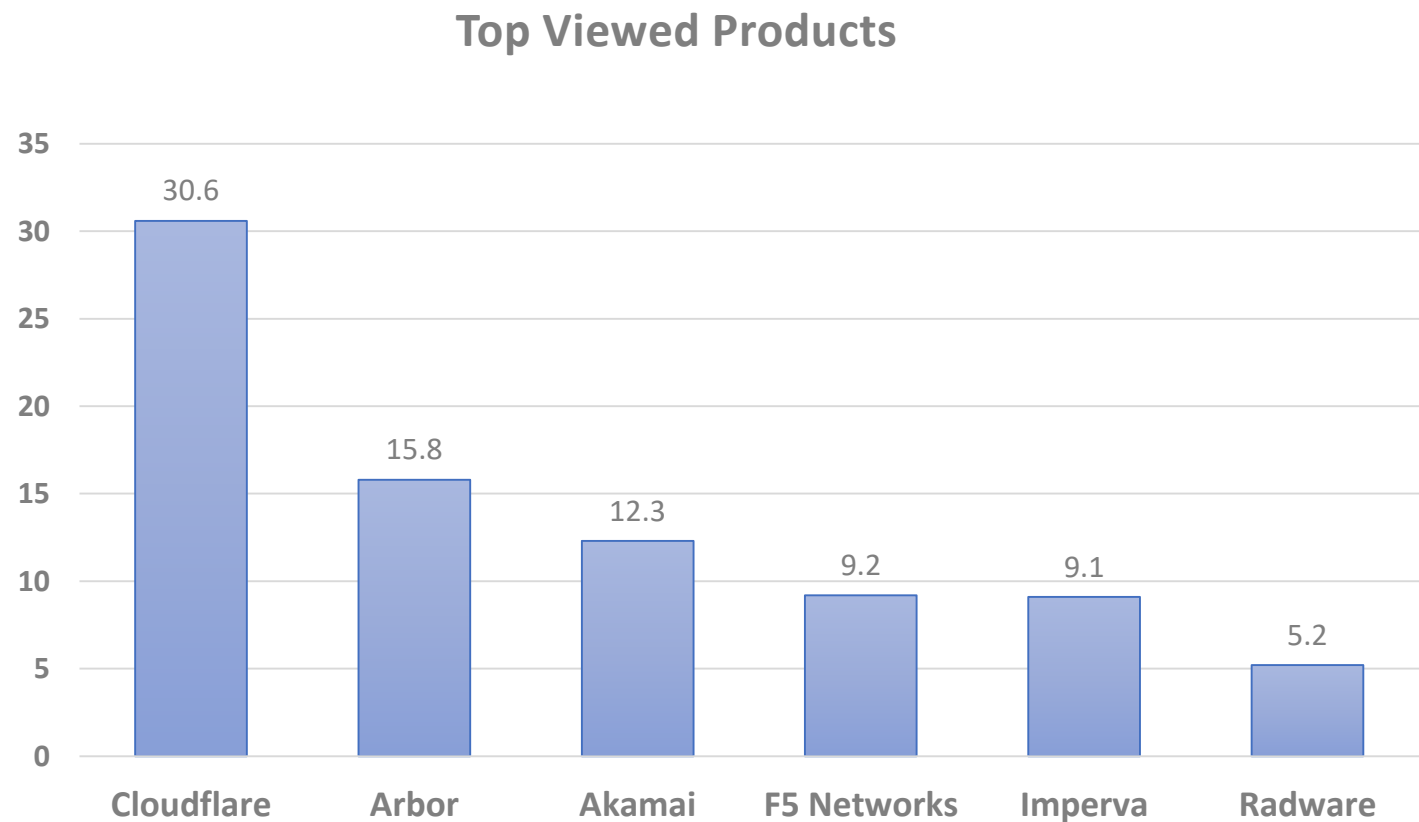
| Industry | Implementation (%) | Will Implement in CY (%) | Will Not Implement(%) |
|----------------------------|--------------------|--------------------------|-----------------------|
| BFSI | 63.33 | 36.67 | 0.00 |
| IT/ITES | 52.94 | 29.41 | 17.65 |
| Manufacturing/Infra/Energy | 55.00 | 25.00 | 20.00 |
| Other | 55.00 | 20.00 | 25.00 |
| Pharma/Health | 57.14 | 28.57 | 14.29 |
| Public | 33.33 | 66.67 | 0.00 |
| Online/Media/Entertainment | 40.00 | 40.00 | 20.00 |
| Telecom | 66.67 | 33.33 | 0.00 |

DDOS across regions

| Region | Implementation (%) | Will Implement in CY (%) | Will Not Implement(%) |
|-----------|--------------------|--------------------------|-----------------------|
| Ahmedabad | 25.00 | 50.00 | 25.00 |
| Bangalore | 45.00 | 30.00 | 25.00 |
| Chennai | 25.00 | 30.00 | 45.00 |
| Delhi NCR | 61.29 | 25.81 | 12.90 |
| Hyderabad | 42.86 | 52.14 | 5.00 |
| Kolkata | 25.00 | 50.00 | 25.00 |
| Mumbai | 57.50 | 35.00 | 7.50 |
| Others | 37.50 | 45.00 | 17.50 |
| Pune | 42.50 | 35.00 | 22.50 |

FireCompass Stats For DDOS Market

- Top Viewed Products:
 - **CloudFlare** is most viewed product in DDOS market with 31%
 - **Arbor & Akamai** are 2nd and 3rd with 16% and 12% respectively



FireCompass Stats For DDOS Market

- **Popular Comparisons:**

- CloudFlare Advanced DDoS Protection Service Vs. Arbor Cloud DDOS
- Arbor Cloud DDOS VS Akamai Kona Site Defender
- Akamai Kona Site Defender Vs. F5 Silverline DDOS Protection
- F5 Silverline DDOS Protection Vs. Imperva Incapsula

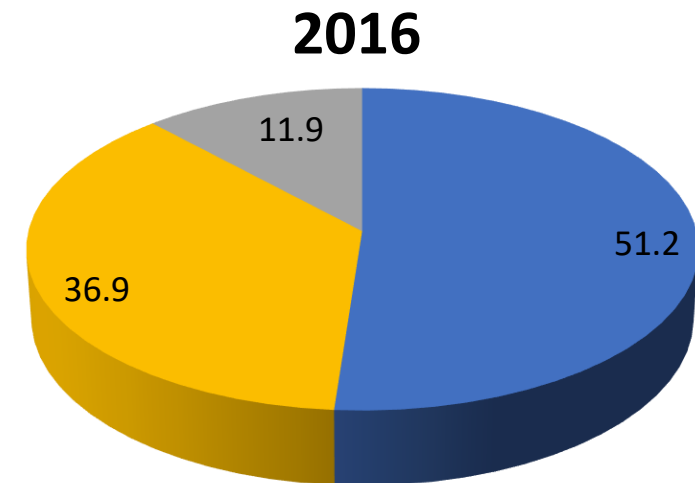
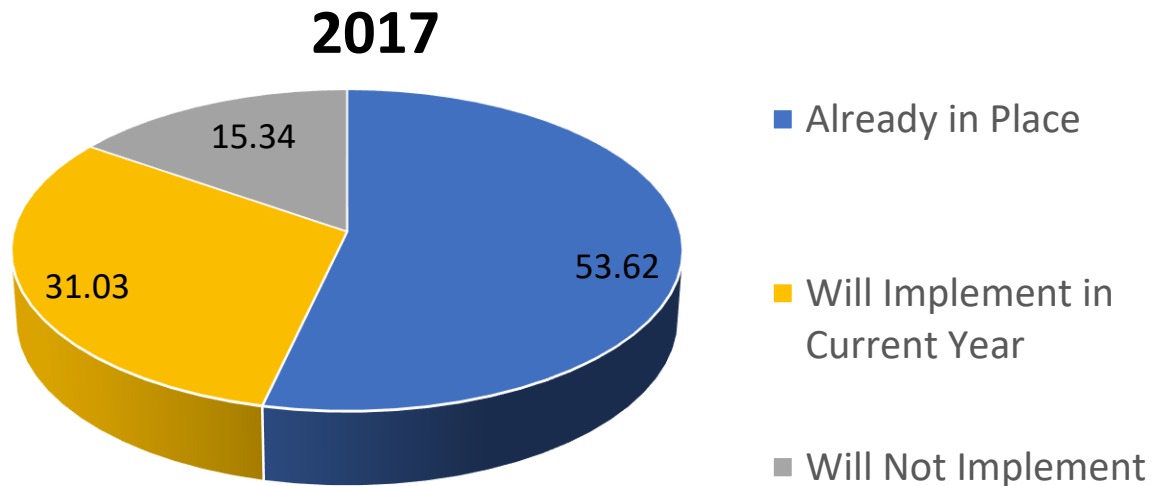
- **Top Rated Products:**

- Cloudflare Advanced DDoS Protection Service: 4.6/5
- Arbor Cloud DDOS: 4.4/5
- Verisign DDoS Protection: 4/5
- Akamai Kona Site Defender: 4/5

Identity and Access Management (IAM)

IAM Implementation Status

Implementation Status of IAM Over Last 2 Years(in %)



IAM across domains

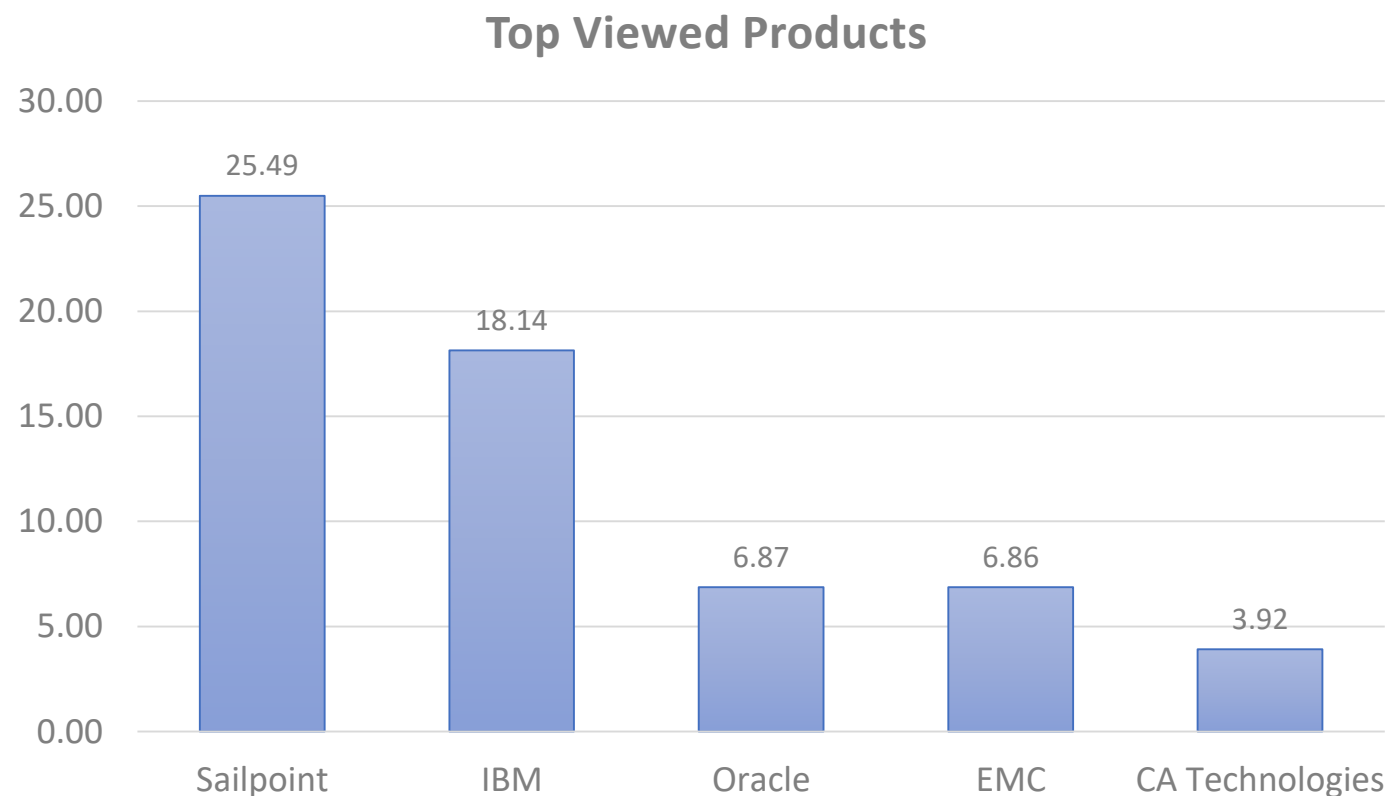
| Industry | Implementation (%) | Will Implement in CY (%) | Will Not Implement(%) |
|----------------------------|--------------------|--------------------------|-----------------------|
| BFSI | 53.33 | 43.33 | 3.33 |
| IT/ITES | 52.94 | 32.35 | 14.71 |
| Manufacturing/Infra/Energy | 35.00 | 55.00 | 10.00 |
| Public | 50.00 | 16.67 | 33.33 |
| Telecom | 80.00 | 20.00 | 0.00 |
| Other | 55.00 | 32.50 | 12.50 |
| Online/Media/Entertainment | 43.50 | 56.50 | 0.00 |
| Pharma/Health | 42.86 | 28.57 | 28.57 |

IAM across regions

| Region | Implementation (%) | Will Implement in CY (%) | Will Not Implement(%) |
|-----------|--------------------|--------------------------|-----------------------|
| Ahmedabad | 31.00 | 39.00 | 30.00 |
| Bangalore | 54.00 | 37.67 | 8.33 |
| Chennai | 45.00 | 25.00 | 30.00 |
| Delhi NCR | 74.19 | 19.35 | 6.45 |
| Hyderabad | 51.43 | 28.57 | 20.00 |
| Kolkata | 30.00 | 50.00 | 20.00 |
| Mumbai | 55.00 | 37.50 | 7.50 |
| Others | 42.50 | 25.00 | 32.50 |
| Pune | 37.50 | 12.50 | 50.00 |

FireCompass Stats For IAM Market

- Top Viewed Products:
 - **Sailpoint** is most viewed product in IAM market with 25%
 - **IBM & Oracle** are 2nd and 3rd with 18% and 7% respectively



FireCompass Stats For IAM Market

- **Popular Comparisons:**

- Sailpoint Identity IQ Vs. IBM Security Identity and Access Manager
- IBM Security Identity and Access Manager Vs. Oracle IAM Suite
- Oracle IAM Suite Vs. Sailpoint Identity IQ
- Oracle IAM Suite Vs. RSA @VIA Access

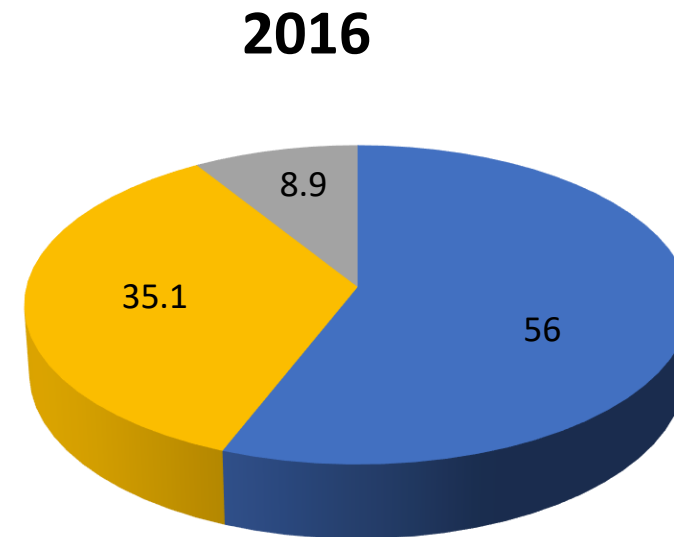
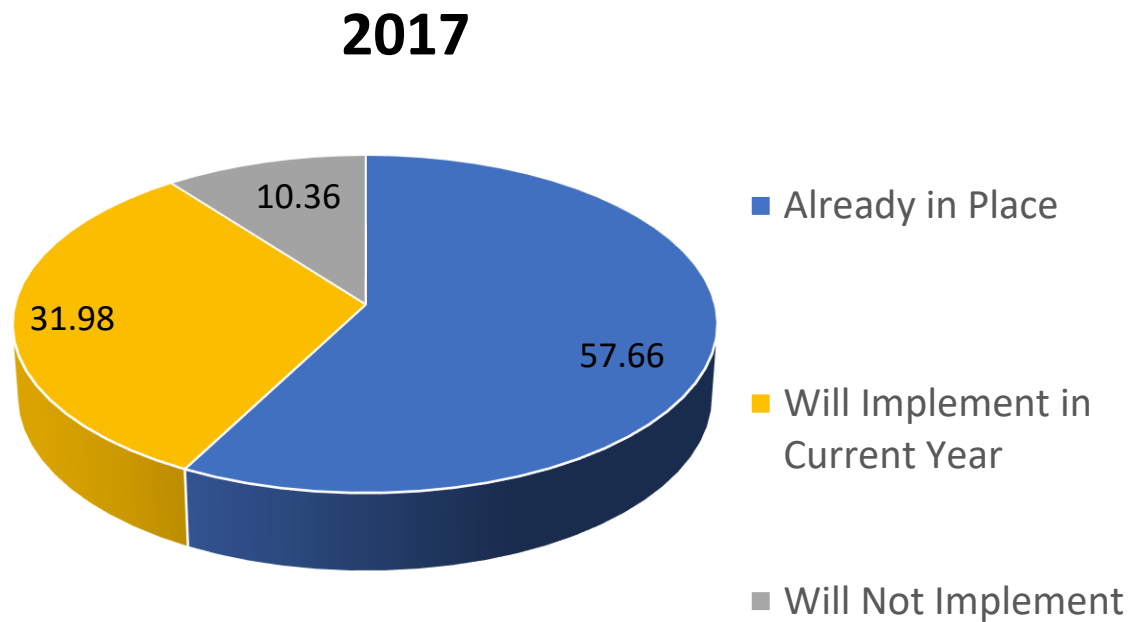
- **Top Rated Products:**

- Sailpoint Identity IQ: 4.7/5
- IBM Security Identity and Access Manager: 4.5/5
- SAP Identity Management: 4/5
- Oracle IAM Suite: 3.8/5

Security Information & Event Management (SIEM)

SIEM Implementation Status

Implementation Status of SIEM Over Last 2 Years (in %)



SIEM across domains

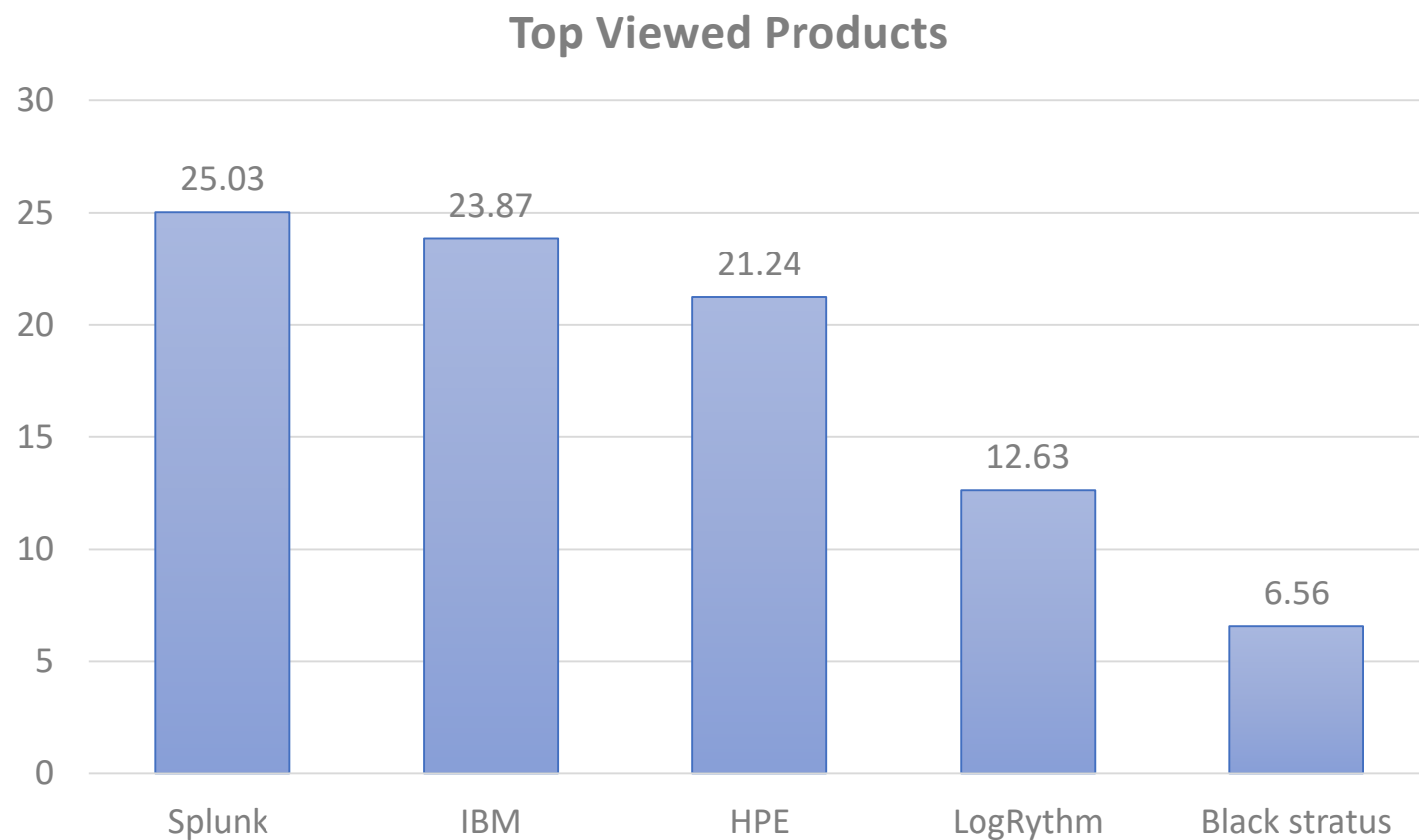
| Industry | Implementation (%) | Will Implement in CY (%) | Will Not Implement(%) |
|----------------------------|--------------------|--------------------------|-----------------------|
| BFSI | 70.00 | 23.33 | 6.67 |
| IT/ITES | 61.76 | 32.35 | 5.88 |
| Manufacturing/Infra/Energy | 50.00 | 40.00 | 10.00 |
| Public | 33.33 | 50.00 | 16.67 |
| Telecom | 40.00 | 20.00 | 20.00 |
| Other | 35.00 | 40.00 | 25.00 |
| Online/Media/Entertainment | 43.00 | 20.00 | 37.00 |
| Pharma/Health | 57.14 | 28.57 | 14.29 |

SIEM across regions

| Region | Implementation (%) | Will Implement in CY (%) | Will Not Implement(%) |
|-----------|--------------------|--------------------------|-----------------------|
| Ahmedabad | 29.00 | 61.00 | 10.00 |
| Bangalore | 58.33 | 25.00 | 16.67 |
| Chennai | 35.00 | 45.00 | 20.00 |
| Delhi NCR | 70.97 | 21.13 | 7.90 |
| Hyderabad | 35.71 | 14.29 | 50.00 |
| Kolkata | 36.00 | 44.00 | 20.00 |
| Mumbai | 65.00 | 30.00 | 5.00 |
| Others | 30.00 | 40.00 | 30.00 |
| Pune | 50.00 | 42.50 | 7.50 |

FireCompass Stats For SIEM Market

- Top Viewed Products:
 - **Splunk** is most viewed product in SIEM market with 25%
 - **IBM & HPE** are 2nd and 3rd with 24% and 21% respectively



FireCompass Stats For SIEM Market

- **Popular Comparisons:**

- Logrhythm SIEM Vs. Splunk Enterprise, Cloud, Light
- IBM QRadar Vs. HPE ArcSight
- Splunk Enterprise, Cloud, Light Suite Vs. IBM QRadar
- HPE ArcSight Vs. Splunk Enterprise, Cloud, Light Suite

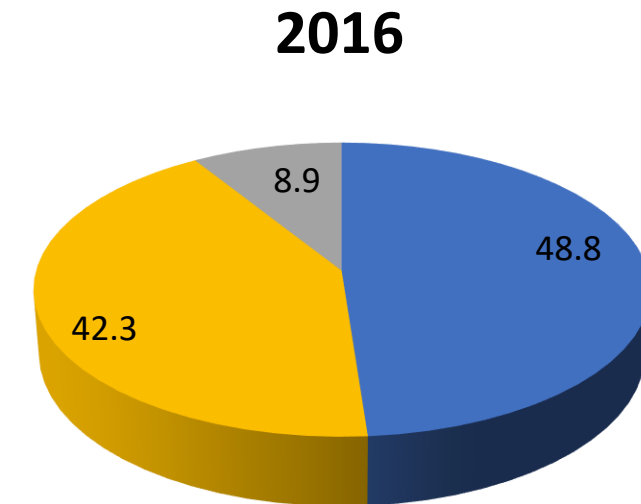
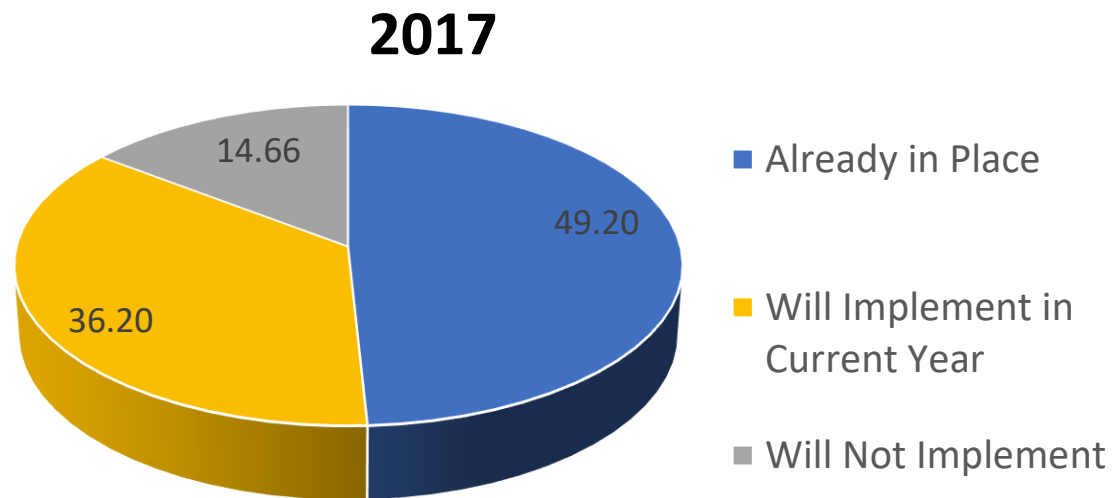
- **Top Rated Products:**

- LogRhythm SIEM: 4.7/5
- Splunk Enterprise, Cloud, Light Suite: 4.7/5
- IBM QRadar: 4.1/5
- AlienVault USM Platform: 4/5

Enterprise Mobility Management (EMM)

EMM Implementation Status

Implementation Status of EMM Over Last 2 Years (in %)



EMM across domains

| Industry | Implementation (%) | Will Implement in CY (%) | Will Not Implement(%) |
|----------------------------|--------------------|--------------------------|-----------------------|
| BFSI | 53.33 | 40.00 | 6.67 |
| IT/ITES | 44.12 | 31.18 | 24.71 |
| Manufacturing/Infra/Energy | 35.00 | 45.00 | 20.00 |
| Other | 12.50 | 62.50 | 25.00 |
| Online/Media/Entertainment | 40.00 | 60.00 | 0.00 |
| Pharma/Health | 28.57 | 28.57 | 42.86 |
| Public | 16.67 | 33.33 | 50.00 |
| Telecom | 66.67 | 33.33 | 0.00 |

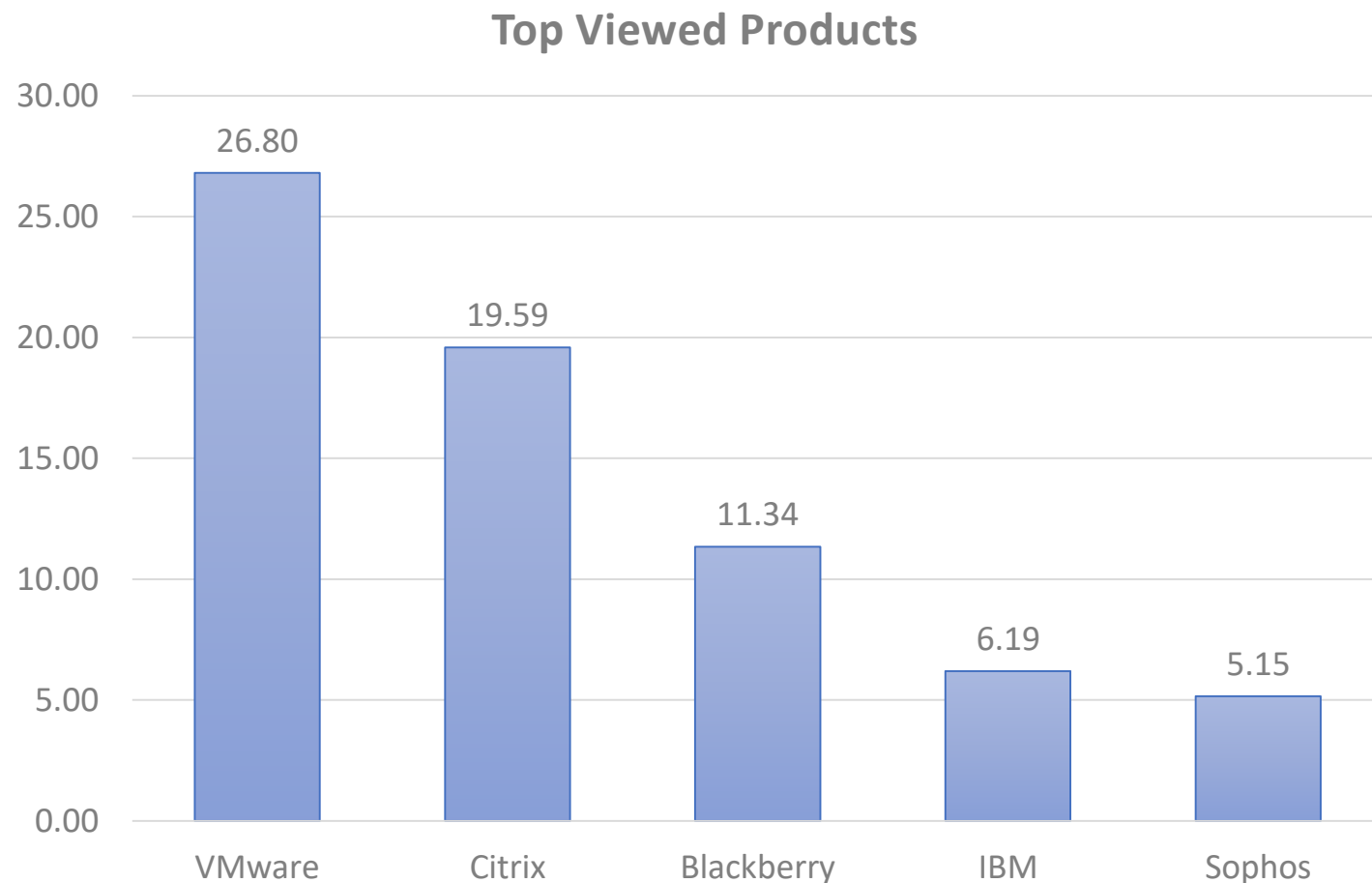
EMM across regions

| Region | Implementation (%) | Will Implement in CY (%) | Will Not Implement(%) |
|-----------|--------------------|--------------------------|-----------------------|
| Ahmedabad | 23.00 | 32.00 | 45.00 |
| Bangalore | 41.67 | 23.33 | 35.00 |
| Chennai | 25.00 | 50.00 | 25.00 |
| Delhi NCR | 41.94 | 28.39 | 29.68 |
| Hyderabad | 28.57 | 57.14 | 14.29 |
| Kolkata | 20.00 | 50.00 | 30.00 |
| Mumbai | 55.00 | 37.50 | 7.50 |
| Others | 30.00 | 45.00 | 25.00 |
| Pune | 37.50 | 25.00 | 37.50 |

FireCompass Stats For EMM Market

- Top Viewed Products:

- **VMware** is most viewed product in EMM market with 27%
- **Citrix & Blackberry** are 2nd and 3rd with 20% and 11% respectively



FireCompass Stats For EMM Market

- **Popular Comparisons:**

- Citrix XenMobile Vs. VMware Airwatch
- VMware Airwatch Vs. Blackberry EMM Suite
- Citrix XenMobile Vs. Blackberry EMM Suite
- Blackberry EMM Suite Vs. IBM MaaS360

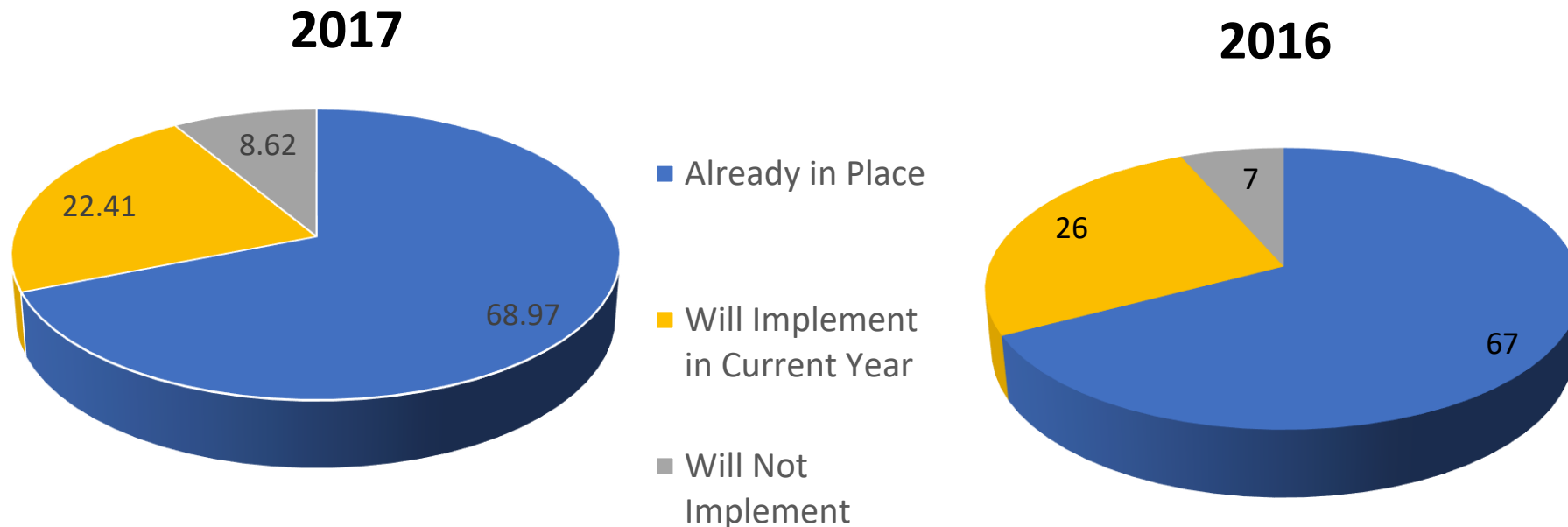
- **Top Rated Products:**

- Citrix XenMobile : 4.7/5
- VMware Airwatch: 4.7/5
- Blackberry EMM Suite: 4.6/5
- Landesk Mobile Security Suite: 4.5/5

Next Generation Firewall (NGFW)

NGFW Implementation Status

Implementation Status of NGFW Over Last 2 Years (in %)



NGFW across domains

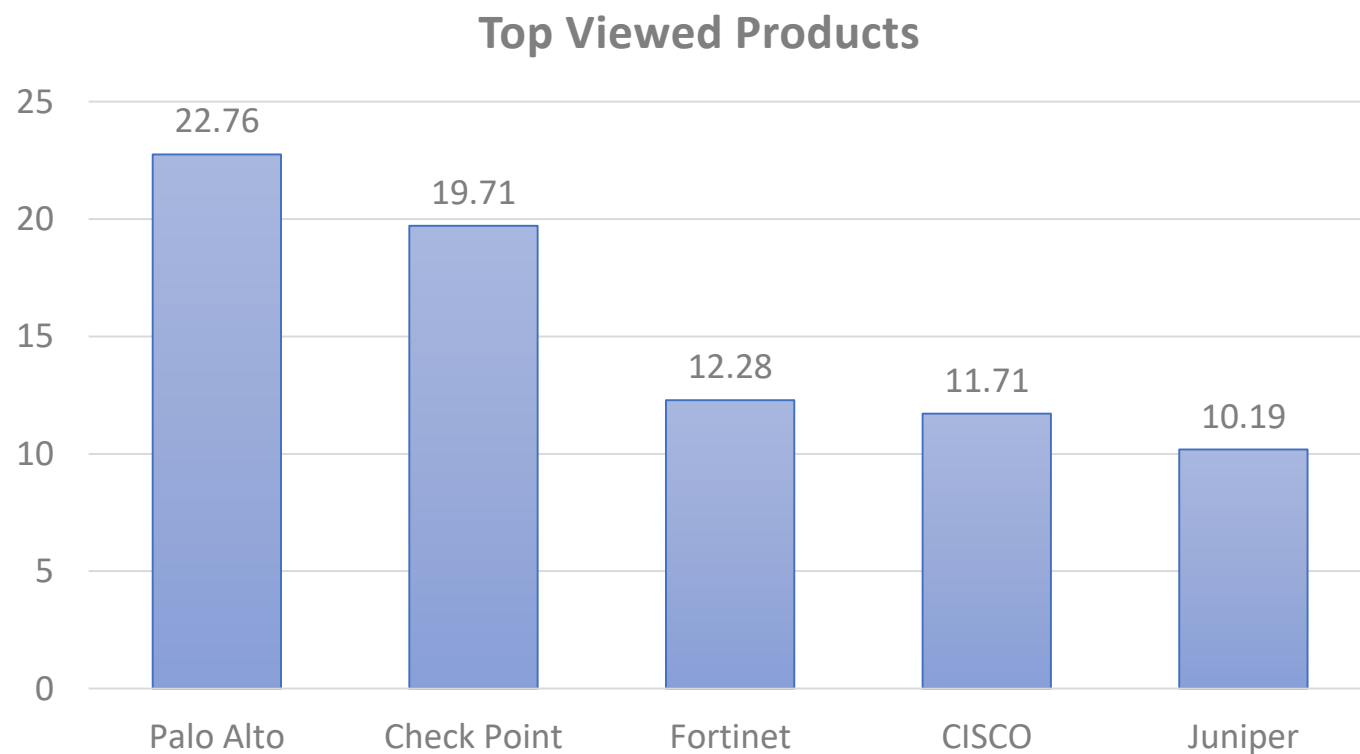
| Industry | Implementation (%) | Will Implement in CY (%) | Will Not Implement(%) |
|----------------------------|--------------------|--------------------------|-----------------------|
| BFSI | 66.67 | 16.67 | 16.67 |
| IT/ITES | 70.59 | 23.53 | 5.88 |
| Manufacturing/Infra/Energy | 60.00 | 15.00 | 25.00 |
| Other | 62.50 | 37.50 | 0.00 |
| Pharma/Health | 71.43 | 14.29 | 14.29 |
| Public | 66.67 | 16.67 | 16.67 |
| Online/Media/Entertainment | 80.00 | 20.00 | 0.00 |
| Telecom | 63.33 | 16.67 | 20.00 |

NGFW across regions

| Region | Implementation (%) | Will Implement in CY (%) | Will Not Implement(%) |
|-----------|--------------------|--------------------------|-----------------------|
| Ahmedabad | 50.00 | 25.00 | 25.00 |
| Bangalore | 66.67 | 16.67 | 16.67 |
| Chennai | 37.50 | 45.00 | 17.50 |
| Delhi NCR | 64.52 | 29.03 | 6.45 |
| Hyderabad | 85.71 | 14.29 | 0.00 |
| Kolkata | 50.00 | 50.00 | 0.00 |
| Mumbai | 75.00 | 15.00 | 10.00 |
| Others | 25.00 | 25.00 | 50.00 |
| Pune | 50.00 | 37.50 | 12.50 |

FireCompass Stats For NGFW Market

- Top Viewed Products:
 - **Palo Alto Networks** is most viewed product in NGFW market with 22%
 - **Check Point & Fortinet** are 2nd and 3rd with 20% and 12% respectively



FireCompass Stats For NGFW Market

- **Popular Comparisons:**

- Palo Alto NGFW Vs. Check Point NGFW
- Palo Alto NGFW Vs. CISCO ASA Firewall
- CISCO ASA Firewall Vs. Check Point NGFW
- Juniper NGFW Vs. CISCO ASA Firewall

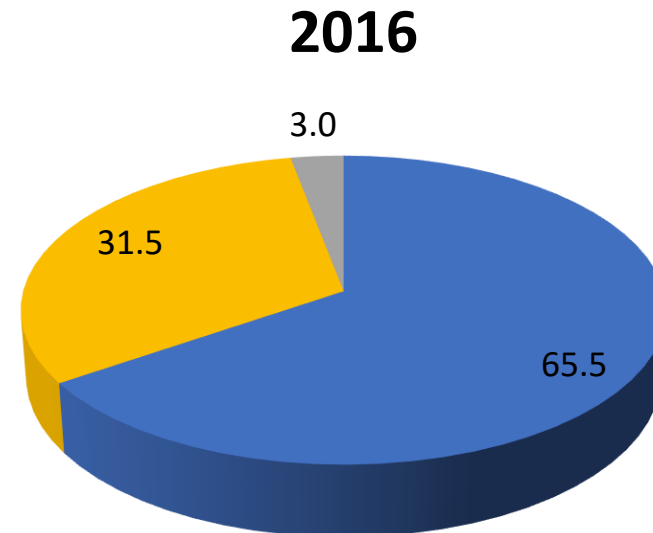
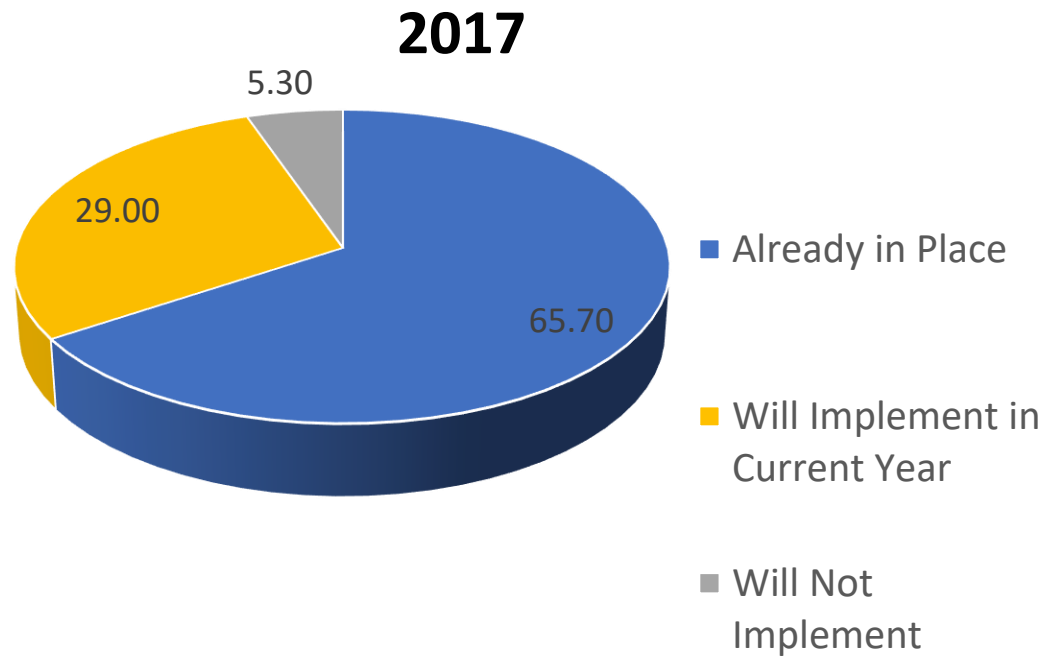
- **Top Rated Products:**

- CISCO ASA Firewall: 3.8/5
- Check Point NGFW: 3.8/5
- Juniper NGFW: 3.2/5
- Palo Alto NGFW: 2.9/5

Data Loss Prevention (DLP)

DLP Implementation Status

Implementation Status of DLP Over Last 2 Years (in %)



DLP across domains

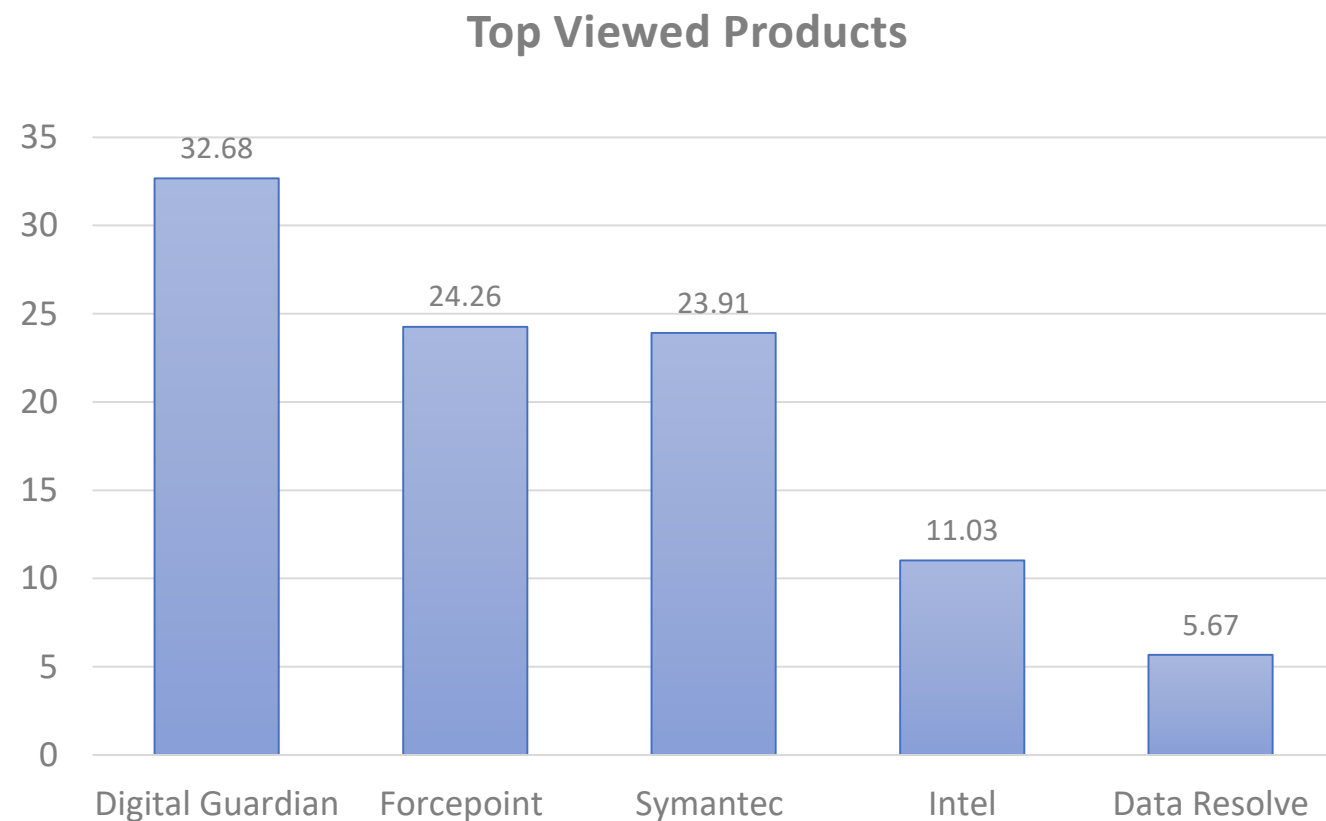
| Industry | Implementation (%) | Will Implement in CY (%) | Will Not Implement(%) |
|----------------------------|--------------------|--------------------------|-----------------------|
| BFSI | 63.33 | 33.33 | 3.33 |
| IT/ITES | 64.71 | 32.35 | 2.94 |
| Manufacturing/Infra/Energy | 50.00 | 20.00 | 30.00 |
| Other | 55.00 | 22.50 | 22.50 |
| Pharma/Health | 61.43 | 28.57 | 10.00 |
| Public | 33.33 | 50.00 | 16.67 |
| Online/Media/Entertainment | 60.00 | 20.00 | 20.00 |
| Telecom | 80.00 | 20.00 | 0.00 |

DLP across regions

| Region | Implementation (%) | Will Implement in CY (%) | Will Not Implement(%) |
|-----------|--------------------|--------------------------|-----------------------|
| Ahmedabad | 32.00 | 45.00 | 23.00 |
| Bangalore | 61.67 | 28.33 | 10.00 |
| Chennai | 50.00 | 25.00 | 25.00 |
| Delhi NCR | 67.74 | 25.81 | 6.45 |
| Hyderabad | 57.14 | 42.86 | 0.00 |
| Kolkata | 50.00 | 50.00 | 0.00 |
| Mumbai | 77.50 | 20.00 | 2.50 |
| Others | 37.50 | 62.50 | 0.00 |
| Pune | 62.50 | 37.50 | 0.00 |

FireCompass Stats For DLP Market

- Top Viewed Products:
 - **Digital Guardian** is most viewed product in DLP market with 33%
 - **Forcepoint & Symantec** are 2nd and 3rd with 24% and 23% respectively



FireCompass Stats For DLP Market

- **Popular Comparisons:**

- Digital Guardian for Data Loss Prevention Vs. Forcepoint TRITON® APX
- Forcepoint TRITON® APX Vs. Symantec Data Loss Prevention
- Digital Guardian for Data Loss Prevention Vs. Symantec Data Loss Prevention
- Symantec Data Loss Prevention Vs. McAfee Data Loss Prevention (DLP)

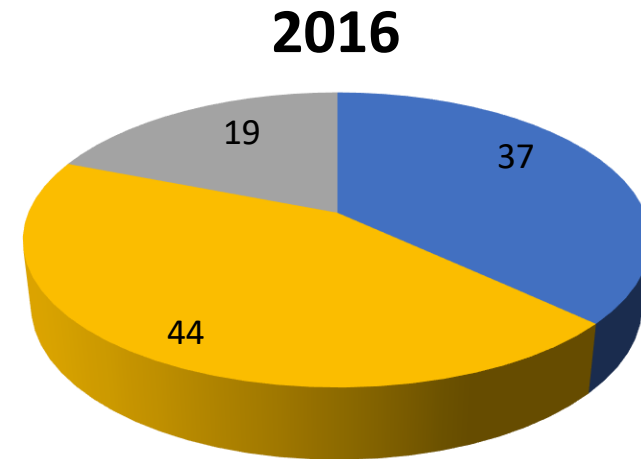
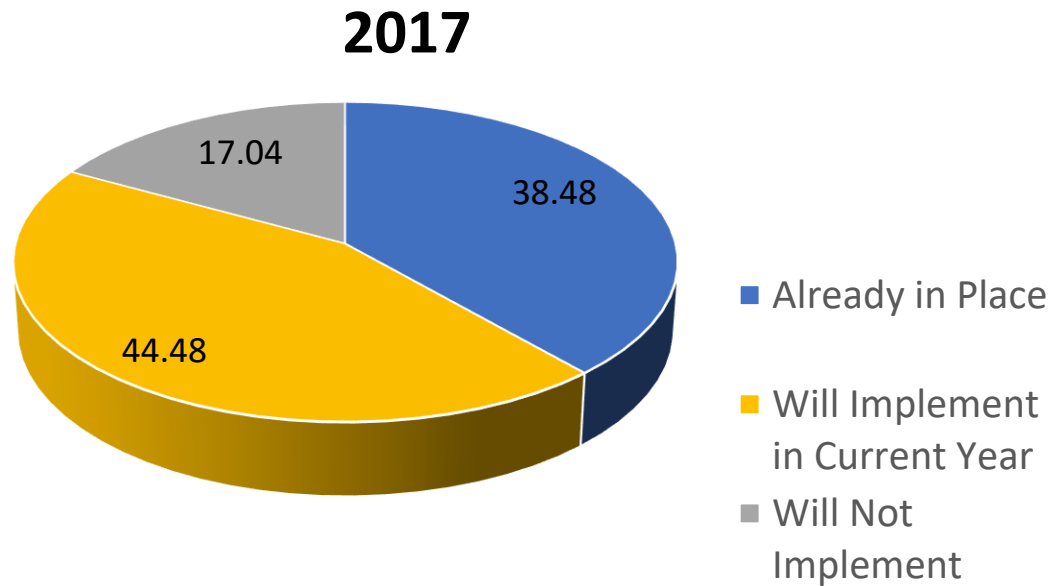
- **Top Rated Products:**

- Digital Guardian for Data Loss Prevention: 4.9/5
- Forcepoint TRITON® APX: 4.4/5
- Symantec Data Loss Prevention: 4.1/5
- McAfee Data Loss Prevention (DLP): 3.8/5

Network Advanced Threat Protection (ATP)

ATP Implementation Status

Implementation Status of ATP Over Last 2 Years (in %)



ATP across domains

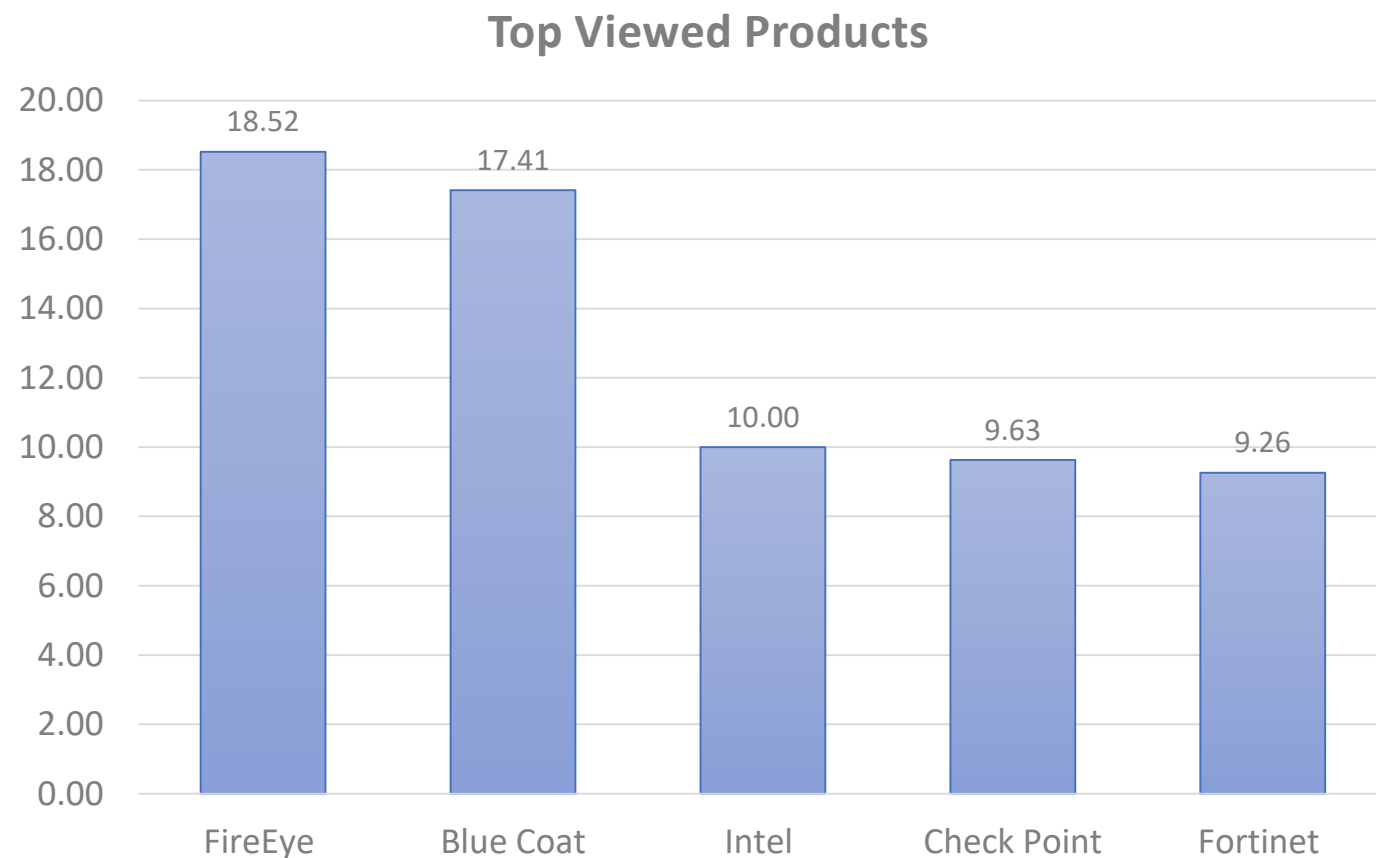
| Industry | Implementation (%) | Will Implement in CY (%) | Will Not Implement(%) |
|----------------------------|--------------------|--------------------------|-----------------------|
| BFSI | 40.00 | 56.67 | 3.33 |
| IT/ITES | 55.88 | 29.41 | 14.71 |
| Manufacturing/Infra/Energy | 30.00 | 65.00 | 5.00 |
| Other | 50.00 | 37.50 | 12.50 |
| Pharma/Health | 28.57 | 57.14 | 14.29 |
| Public | 33.33 | 33.33 | 33.33 |
| Online/Media/Entertainment | 40.00 | 40.00 | 40.00 |
| Telecom | 33.33 | 50.00 | 16.67 |

ATP across regions

| Region | Implementation (%) | Will Implement in CY (%) | Will Not Implement(%) |
|-----------|--------------------|--------------------------|-----------------------|
| Ahmedabad | 15 | 60 | 20 |
| Bangalore | 50 | 30 | 20 |
| Chennai | 23 | 25 | 52 |
| Delhi NCR | 47.74 | 39.35 | 12.90 |
| Hyderabad | 21.42 | 28.57 | 50 |
| Kolkata | 20 | 20 | 60 |
| Mumbai | 55 | 40 | 5 |
| Others | 23 | 25 | 52 |
| Pune | 37.5 | 42.5 | 20 |

FireCompass Stats For ATP Market

- Top Viewed Products:
 - **FireEye** is most viewed product in ATP market with 19%
 - **Bluecoat & Intel** are 2nd and 3rd with 17% and 10% respectively



FireCompass Stats For ATP Market

- **Popular Comparisons:**

- FireEye NETWORK SECURITY(NX SERIES) Vs. Blue Coat Advanced Threat Protection
- Blue Coat Advanced Threat Protection Vs. Check Point Next Generation Threat Prevention
- McAfee Advanced Threat Defense Vs. FireEye NETWORK SECURITY(NX SERIES)
- Check Point Next Generation Threat Prevention Vs. McAfee Advanced Threat Defense

- **Top Rated Products:**

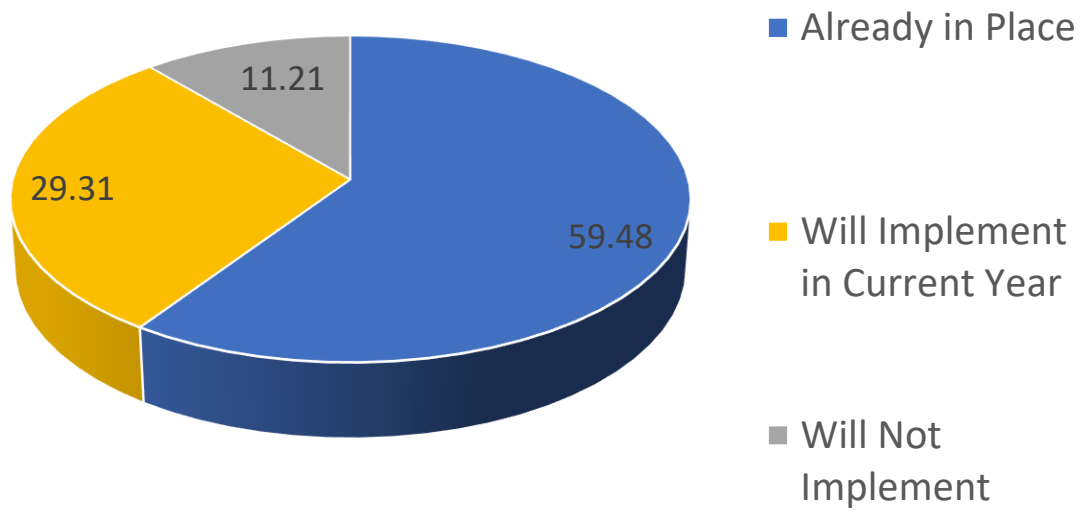
- FireEye NETWORK SECURITY(NX SERIES): 4.7/5
- Palo Alto Networks WildFire: 4/5

Web Application Firewall (WAF)

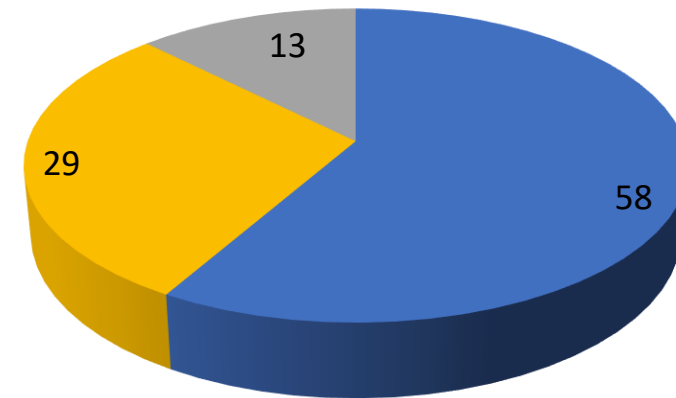
WAF Implementation Status

Implementation Status of WAF Over Last 2 Years (in %)

2017



2016



WAF across domains

| Industry | Implementation (%) | Will Implement in CY (%) | Will Not Implement(%) |
|----------------------------|--------------------|--------------------------|-----------------------|
| BFSI | 63.33 | 30.00 | 6.67 |
| IT/ITES | 55.88 | 20.59 | 23.53 |
| Manufacturing/Infra/Energy | 60.00 | 30.00 | 10.00 |
| Other | 52.50 | 35.00 | 12.50 |
| Pharma/Health | 47.14 | 32.86 | 20.00 |
| Public | 33.33 | 56.67 | 10.00 |
| Online/Media/Entertainment | 60.00 | 20.00 | 20.00 |
| Telecom | 56.67 | 33.33 | 10.00 |

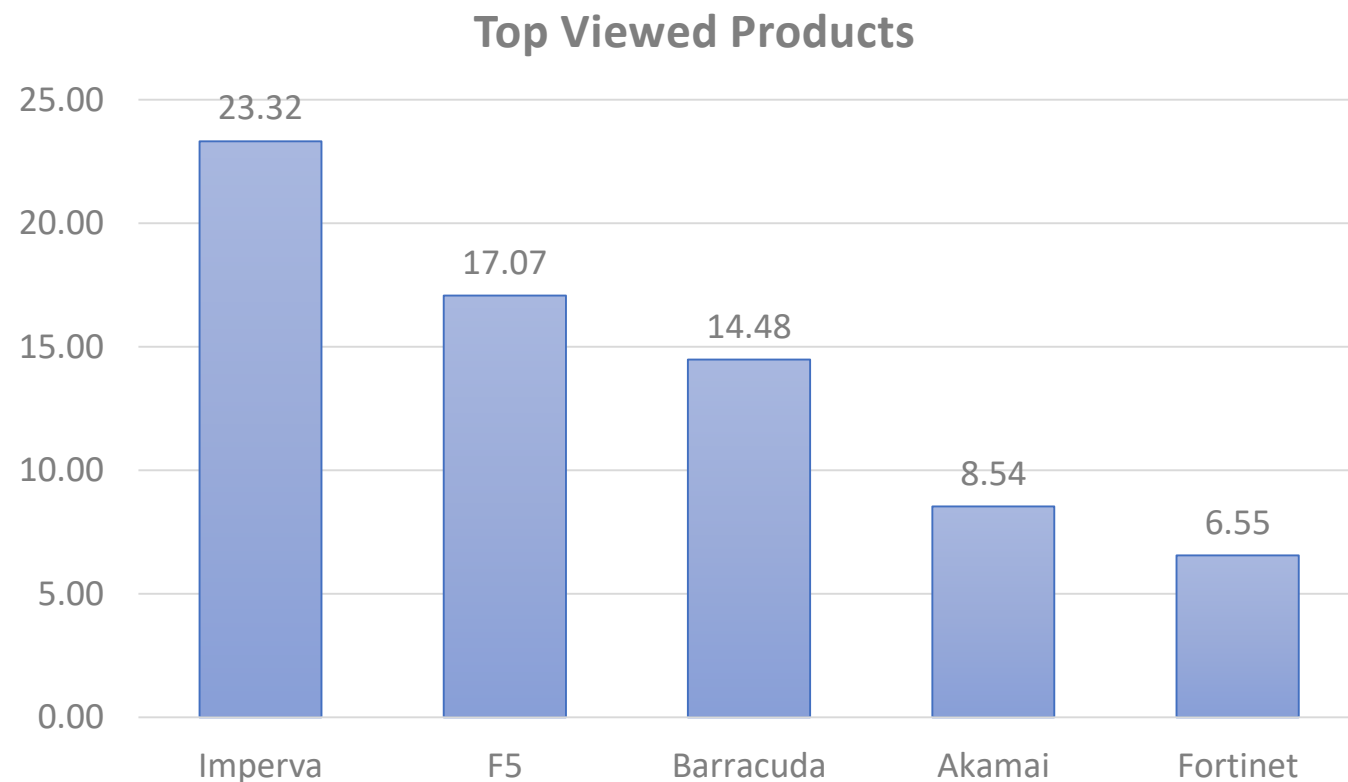
WAF across regions

| Region | Implementation (%) | Will Implement in CY (%) | Will Not Implement(%) |
|-----------|--------------------|--------------------------|-----------------------|
| Ahmedabad | 25.00 | 55.00 | 20.00 |
| Bangalore | 50.00 | 16.67 | 33.33 |
| Chennai | 25.00 | 25.00 | 50.00 |
| Delhi NCR | 58.06 | 34.03 | 7.90 |
| Hyderabad | 21.43 | 38.57 | 40.00 |
| Kolkata | 20.00 | 30.00 | 50.00 |
| Mumbai | 57.50 | 37.50 | 5.00 |
| Others | 27.50 | 20.00 | 52.50 |
| Pune | 50.00 | 25.00 | 25.00 |

FireCompass Stats For WAF Market

- Top Viewed Products:

- **Imperva** is most viewed product in WAF market with 23%
- **F5 & Barracuda Networks** are 2nd and 3rd with 17% and 14% respectively



FireCompass Stats For WAF Market

- **Popular Comparisons:**

- Imperva Secure Sphere Web Application Firewall Vs. Akamai Kona Site Defender WAF
- Imperva Secure Sphere Web Application Firewall Vs. F5 Networks BIG-IP Application Security Manager
- F5 Networks BIG-IP Application Security Manager Vs. Barracuda Web Application Firewall
- Barracuda Web Application Firewall Vs. Akamai Kona Site Defender WAF

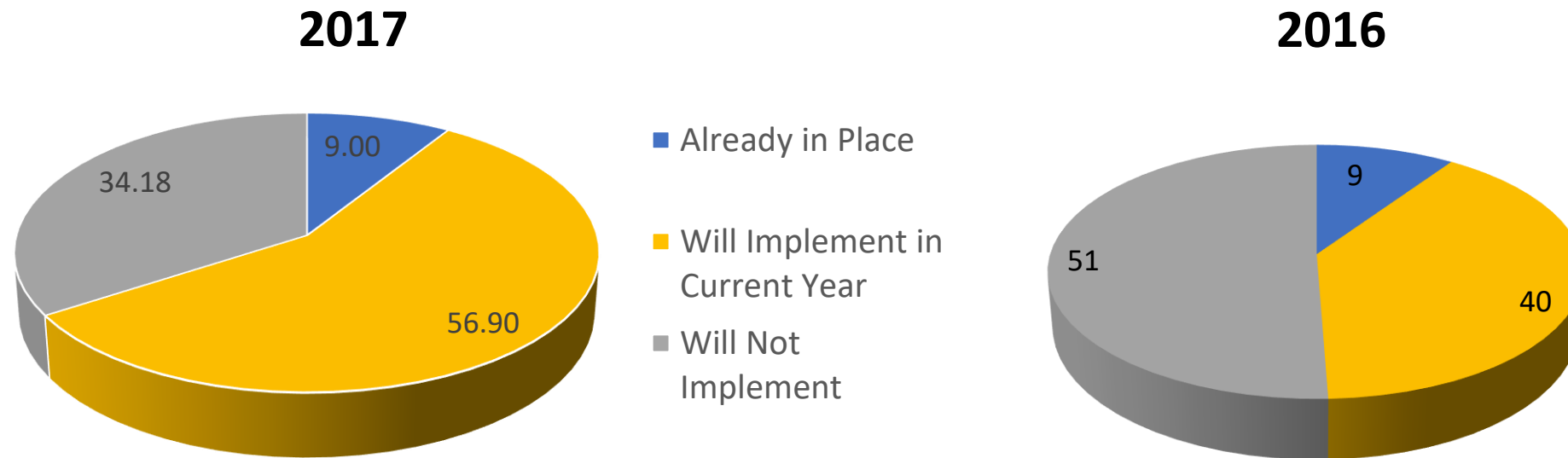
- **Top Rated Products:**

- Imperva SecureSphere Web Application Firewall: 5/5
- Trustwave WAF: 3.5/5
- Citrix NetScaler AppFirewall: 3.5/5
- PT Application Firewall: 3.5/5

Cloud Access Security Broker (CASB)

CASB Implementation Status

Implementation Status of CASB Over Last 2 Years (in %)



CASB across domains

| Industry | Implementation (%) | Will Implement in CY (%) | Will Not Implement(%) |
|----------------------------|--------------------|--------------------------|-----------------------|
| BFSI | 3.33 | 53.33 | 43.33 |
| IT/ITES | 11.76 | 64.71 | 23.53 |
| Manufacturing/Infra/Energy | 5.00 | 45.00 | 50.00 |
| Other | 12.50 | 62.50 | 25.00 |
| Pharma/Health | 14.29 | 42.86 | 42.86 |
| Public | 16.67 | 66.67 | 16.67 |
| Online/Media/Entertainment | 20.00 | 60.00 | 20.00 |
| Telecom | 0.00 | 66.67 | 33.33 |

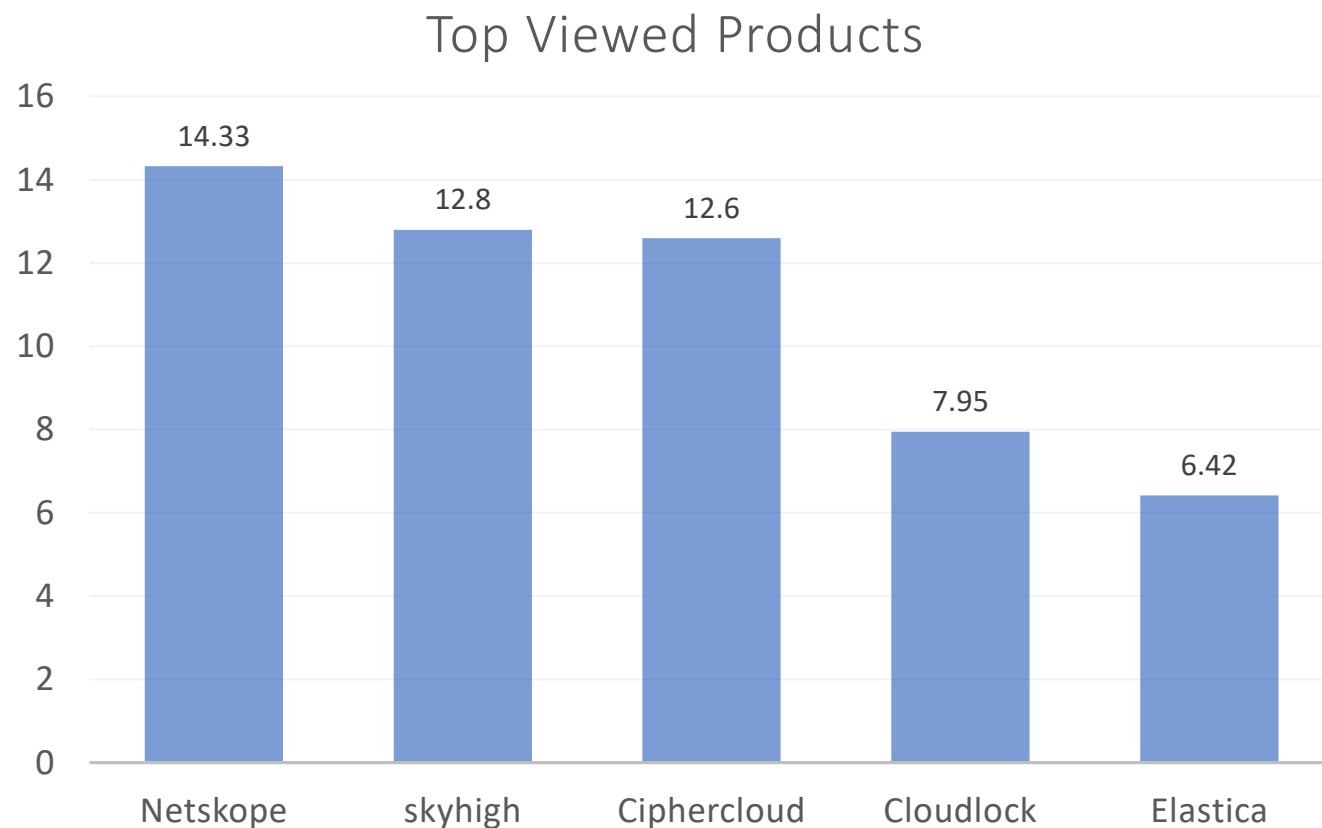
CASB across regions

| Region | Implementation (%) | Will Implement in CY (%) | Will Not Implement(%) |
|-----------|--------------------|--------------------------|-----------------------|
| Ahmedabad | 00.00 | 50.00 | 50.00 |
| Bangalore | 8.33 | 33.33 | 58.33 |
| Chennai | 0.00 | 50.00 | 50.00 |
| Delhi NCR | 9.68 | 61.29 | 29.03 |
| Hyderabad | 4.29 | 57.14 | 38.57 |
| Kolkata | 0.00 | 50.00 | 50.00 |
| Mumbai | 10.00 | 65.00 | 25.00 |
| Others | 0.00 | 37.50 | 62.50 |
| Pune | 5.00 | 62.50 | 37.50 |

FireCompass Stats For CASB Market

- Top Viewed Products:

- **Netskope** is most viewed product in CASB market with 14%
- **Skyhigh networks & Ciphercloud** are 2nd and 3rd with 12.8% and 12.6% respectively



FireCompass Stats For CASB Market

- **Popular Comparisons:**

- The Netskope Active Platform Vs. Skyhigh Cloud Security Manager
- CipherCloud Cloud Security Broker (CSB) Vs. The Netskope Active Platform
- CipherCloud Cloud Security Broker (CSB) Vs. Skyhigh Cloud Security Manager
- Skyhigh Cloud Security Manager Vs CloudLock Security Fabric

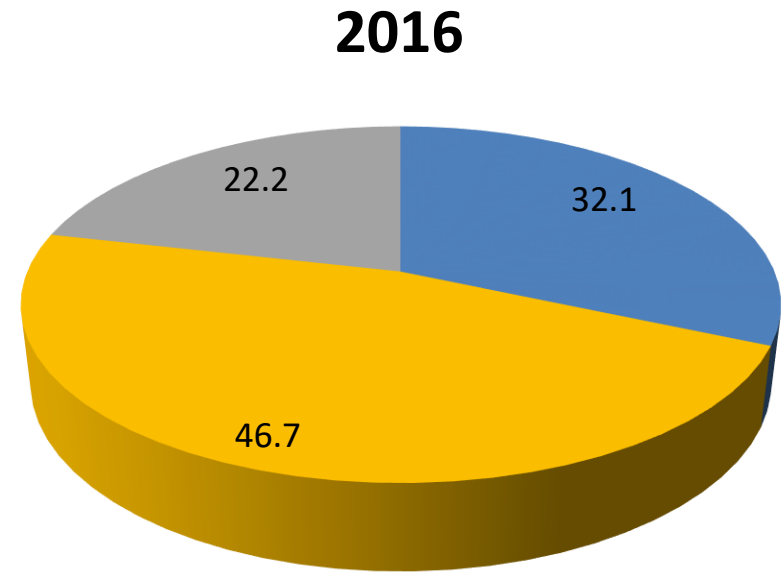
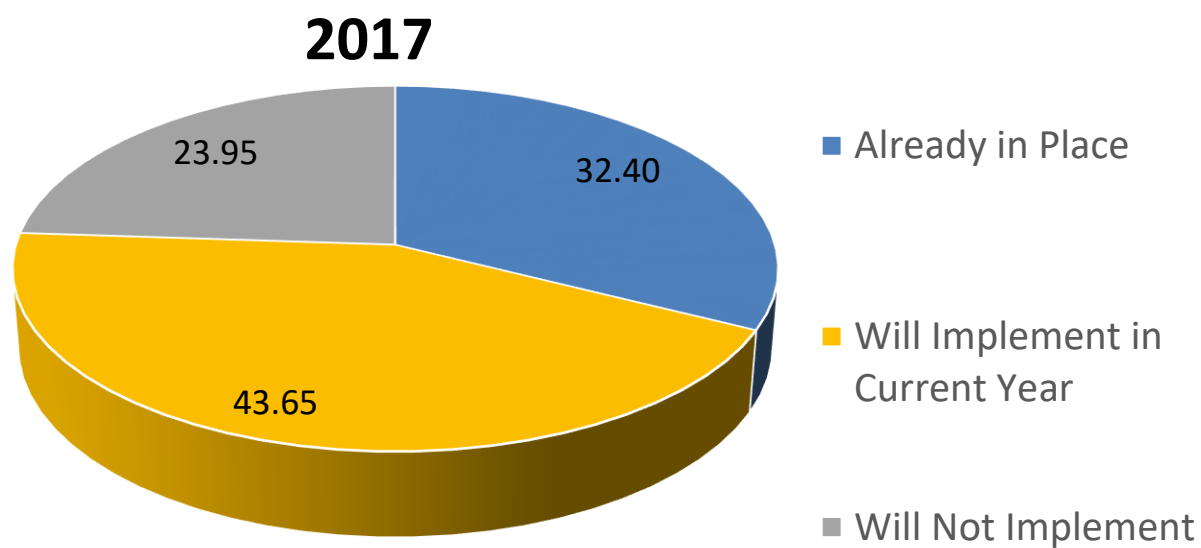
- **Top Rated Products:**

- CipherCloud Cloud Security Broker (CSB): 3.5/5

Threat Intelligence (TI)

Threat Intelligence Implementation Status

Implementation Status of TI Over Last 2 Years (in %)



Threat Intelligence across domains

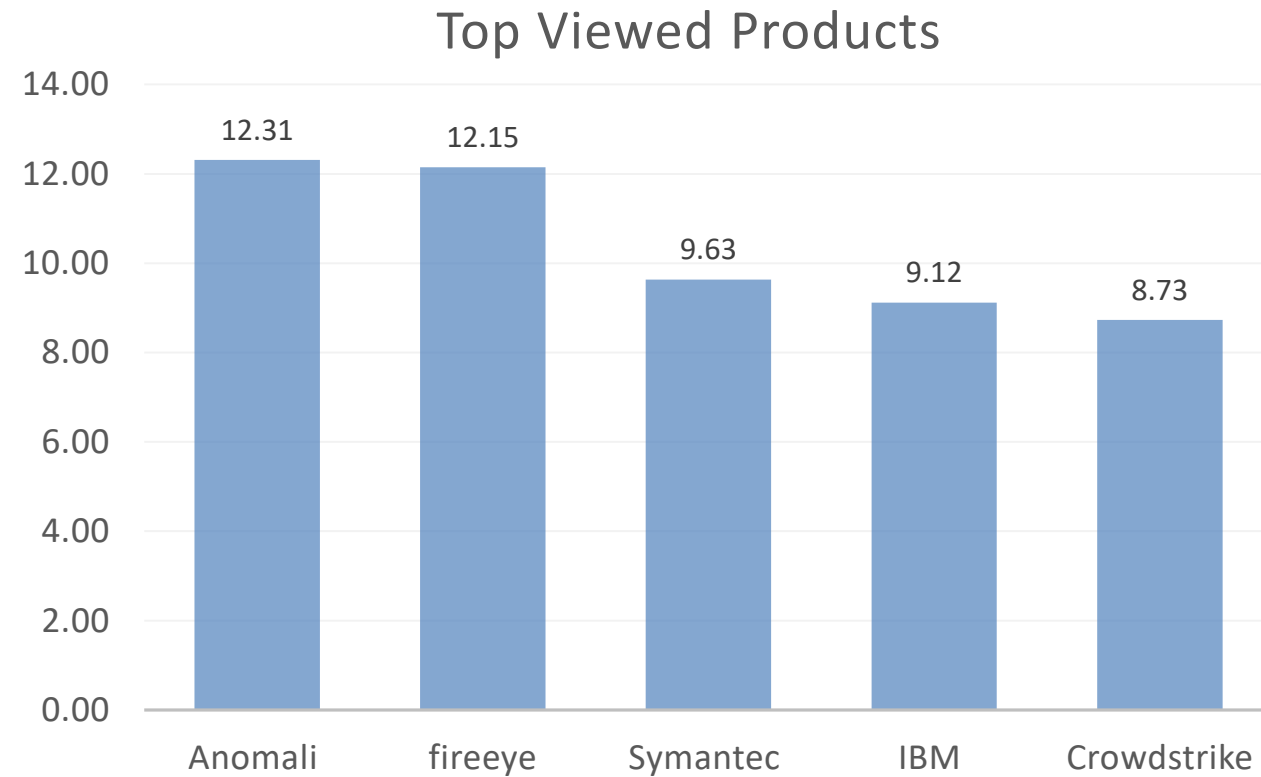
| Industry | Implementation (%) | Will Implement in CY (%) | Will Not Implement(%) |
|----------------------------|--------------------|--------------------------|-----------------------|
| BFSI | 50 | 50 | 0 |
| IT/ITES | 47.05 | 47.05 | 5.89 |
| Manufacturing/Infra/Energy | 45 | 35 | 20 |
| Other | 37.5 | 27.5 | 35 |
| Pharma/Health | 57.14 | 28.57 | 14.28 |
| Public | 16.67 | 50 | 33.33 |
| Online/Media/Entertainment | 60 | 22 | 18.00 |
| Telecom | 50 | 30 | 20 |

Threat Intelligence across regions

| Region | Implementation (%) | Will Implement in CY (%) | Will Not Implement(%) |
|-----------|--------------------|--------------------------|-----------------------|
| Ahmedabad | 15.00 | 20.00 | 55.00 |
| Bangalore | 41.67 | 41.67 | 16.67 |
| Chennai | 23.00 | 43.00 | 24.00 |
| Delhi NCR | 51.61 | 22.26 | 26.13 |
| Hyderabad | 41.43 | 28.57 | 30.00 |
| Kolkata | 0.00 | 50.00 | 50.00 |
| Mumbai | 47.50 | 50.00 | 2.50 |
| Others | 33.33 | 33.33 | 33.33 |
| Pune | 37.50 | 32.50 | 30.00 |

FireCompass Stats For TI Market

- Top Viewed Products:
 - **FireEye** is most viewed product in TI market with 12.3%
 - **Anomali & Symantec** are 2nd and 3rd with 12.1% and 9.63% respectively



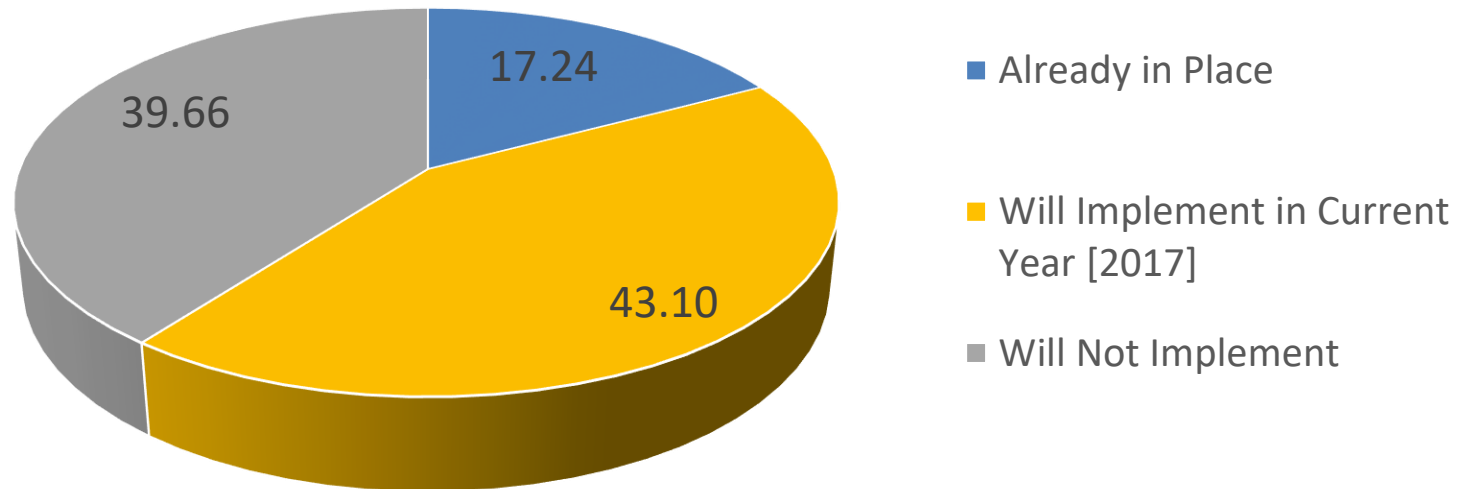
FireCompass Stats For TI Market

- **Popular Comparisons:**
 - Anomali Enterprise Vs. FireEye isight Cyber Threat Intelligence
 - FireEye isight Cyber Threat Intelligence Vs. Symantec DeepSight Intelligence
 - Symantec DeepSight Intelligence Vs. IBM X-Force intelligence
 - FireEye isight Cyber Threat Intelligence Vs. IBM X-Force intelligence

Deception

Deception Implementation Status

Deception Implementation Status In 2017



Threat Intelligence across domains

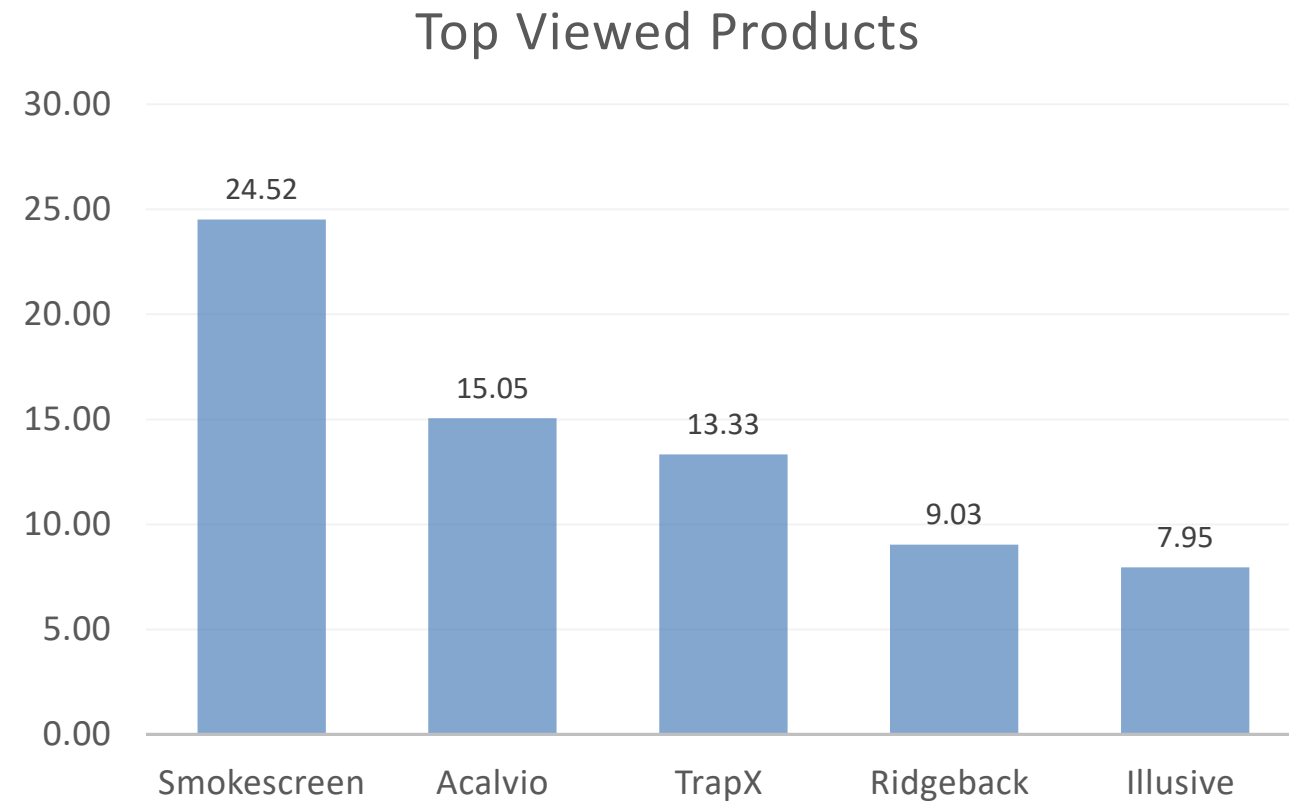
| Industry | Implementation (%) | Will Implement in CY (%) | Will Not Implement(%) |
|----------------------------|--------------------|--------------------------|-----------------------|
| BFSI | 13.33 | 56.67 | 30.00 |
| IT/ITES | 20.59 | 29.41 | 50.00 |
| Manufacturing/Infra/Energy | 20.00 | 35.00 | 45.00 |
| Other | 37.50 | 25.00 | 37.50 |
| Pharma/Health | 14.29 | 28.57 | 57.14 |
| Public | 0.00 | 50.00 | 50.00 |
| Online/Media/Entertainment | 16.67 | 83.33 | 0.00 |
| Telecom | 0.00 | 80.00 | 20.00 |

Deception across regions

| Region | Implementation (%) | Will Implement in CY (%) | Will Not Implement(%) |
|-----------|--------------------|--------------------------|-----------------------|
| Ahmedabad | 20.00 | 30.00 | 50.00 |
| Bangalore | 16.67 | 25.00 | 58.33 |
| Chennai | 25.00 | 50.00 | 25.00 |
| Delhi NCR | 12.90 | 29.03 | 58.06 |
| Hyderabad | 22.86 | 57.14 | 20.00 |
| Kolkata | 0.00 | 100.00 | 0.00 |
| Mumbai | 27.50 | 55.00 | 27.50 |
| Others | 17.50 | 37.50 | 45.00 |
| Pune | 25.00 | 12.50 | 62.50 |

FireCompass Stats For Deception Market

- Top Viewed Products:
 - **Smokescreen** is most viewed product in Deception market with 24.5%
 - **Acalvio & TrapX** are 2nd and 3rd with 15.1% and 9.63% respectively



FireCompass Stats For TI Market

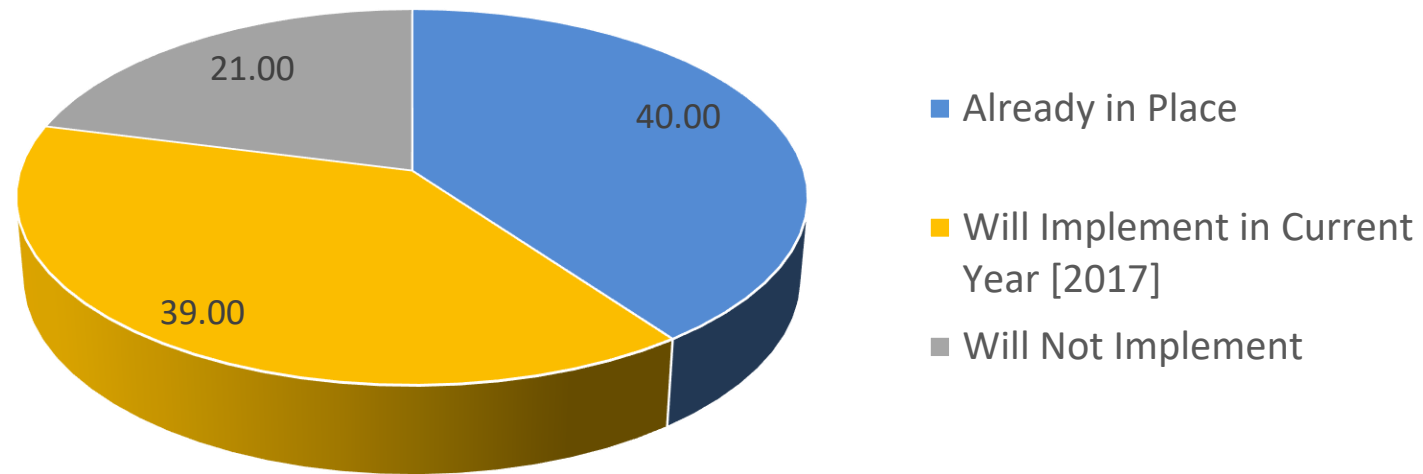
Popular Comparisons:

- Smokescreen Illusion Black Vs. Acalvio Deception2.0
- Smokescreen Illusion Black Vs. TrapX Deception Grid
- TrapX Deception Grid Vs. Acalvio Deception2.0
- Illusive networks Vs. Ridgeback Network Defense

End Point Detection & Response (EDR)

EDR Implementation Status

EDR Implementation Status in India in 2017



EDR across domains

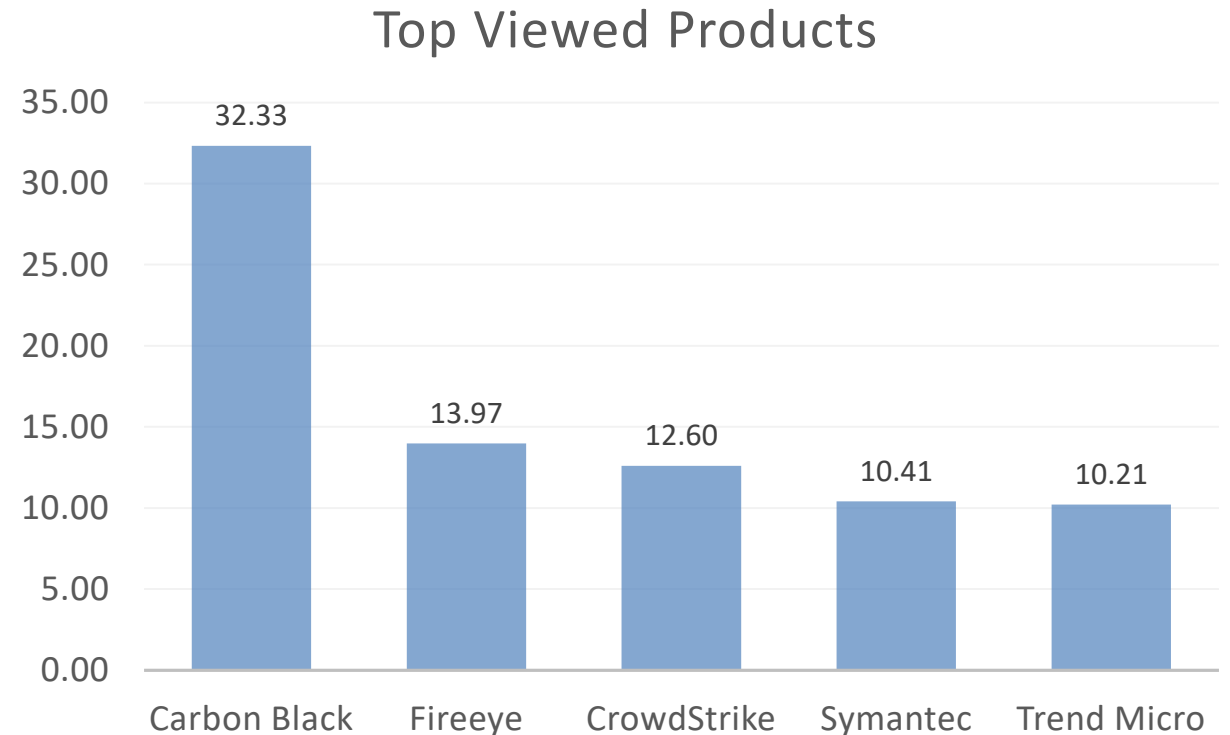
| Industry | Implementation (%) | Will Implement in CY (%) | Will Not Implement(%) |
|----------------------------|--------------------|--------------------------|-----------------------|
| BFSI | 41.67 | 45.00 | 13.33 |
| IT/ITES | 41.71 | 39.35 | 18.94 |
| Manufacturing/Infra/Energy | 40.00 | 30.00 | 30.00 |
| Other | 27.50 | 42.50 | 30.00 |
| Telcommunication | 41.67 | 43.33 | 15.00 |
| Public | 26.67 | 43.33 | 30.00 |
| Pharma/Health | 31.43 | 44.29 | 24.29 |
| Online/Media/Entertainment | 40.00 | 30.00 | 30.00 |

EDR across regions

| Region | Implementation (%) | Will Implement in CY (%) | Will Not Implement(%) |
|-----------|--------------------|--------------------------|-----------------------|
| Ahmedabad | 30 | 55 | 15 |
| Bangalore | 50 | 33.33 | 16.67 |
| Chennai | 25 | 40 | 35 |
| Delhi NCR | 50 | 30 | 20 |
| Hyderabad | 40 | 40 | 20 |
| Kolkata | 25 | 45 | 30 |
| Mumbai | 45 | 35 | 20 |
| Others | 30 | 46 | 24 |
| Pune | 22.22 | 44.44 | 33.33 |

FireCompass Stats For EDR Market

- Top Viewed Products:
 - **Carbon Black** is most viewed product in EDR market with 32.33%
 - **FireEye & CrowdStrike** are 2nd and 3rd with 13.9% and 12.6% respectively



FireCompass Stats For EDR Market

Popular Comparisons:

- Carbon Black Enterprise Response Vs. Trend Micro deep discovery
- Carbon Black Enterprise Response Vs. FireEye Endpoint Security (HX series)
- FireEye Endpoint Security (HX series) Vs. Symantec™ Advanced Threat Protection
- Trend Micro deep discovery Vs. Symantec™ Advanced Threat Protection

Top Rated Products:

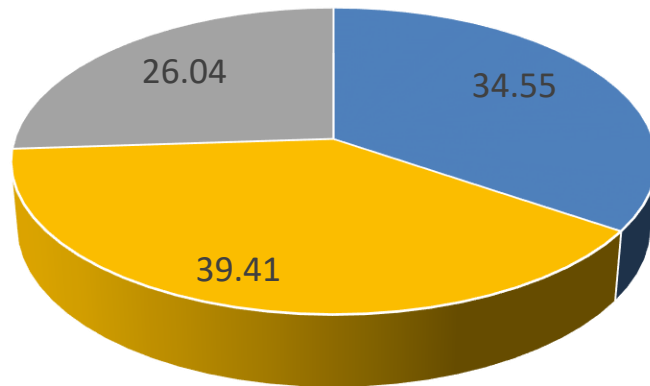
- Carbon Black Enterprise Response: 4.4/5
- Trend Micro deep discovery: 4.3/5
- FireEye Endpoint Security (HX series): 4/5

IT Governance, Risk and Compliance (IT GRC)

IT GRC Implementation Status

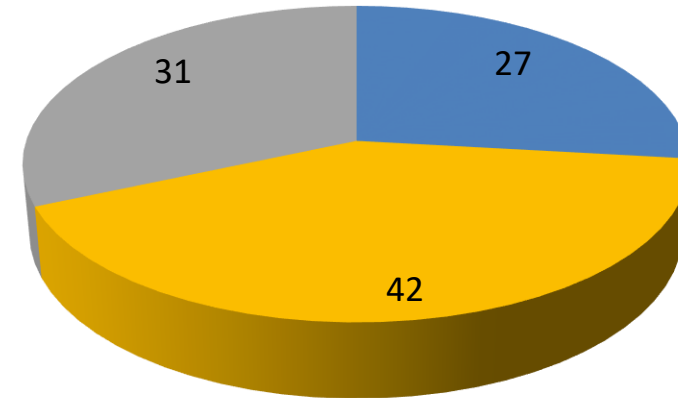
Implementation Status of IT GRC Over Last 2 Years (in %)

IT GRC in 2017



- Already in Place
- Will Implement in Current Year
- Will Not Implement

2016



IT GRC across domains

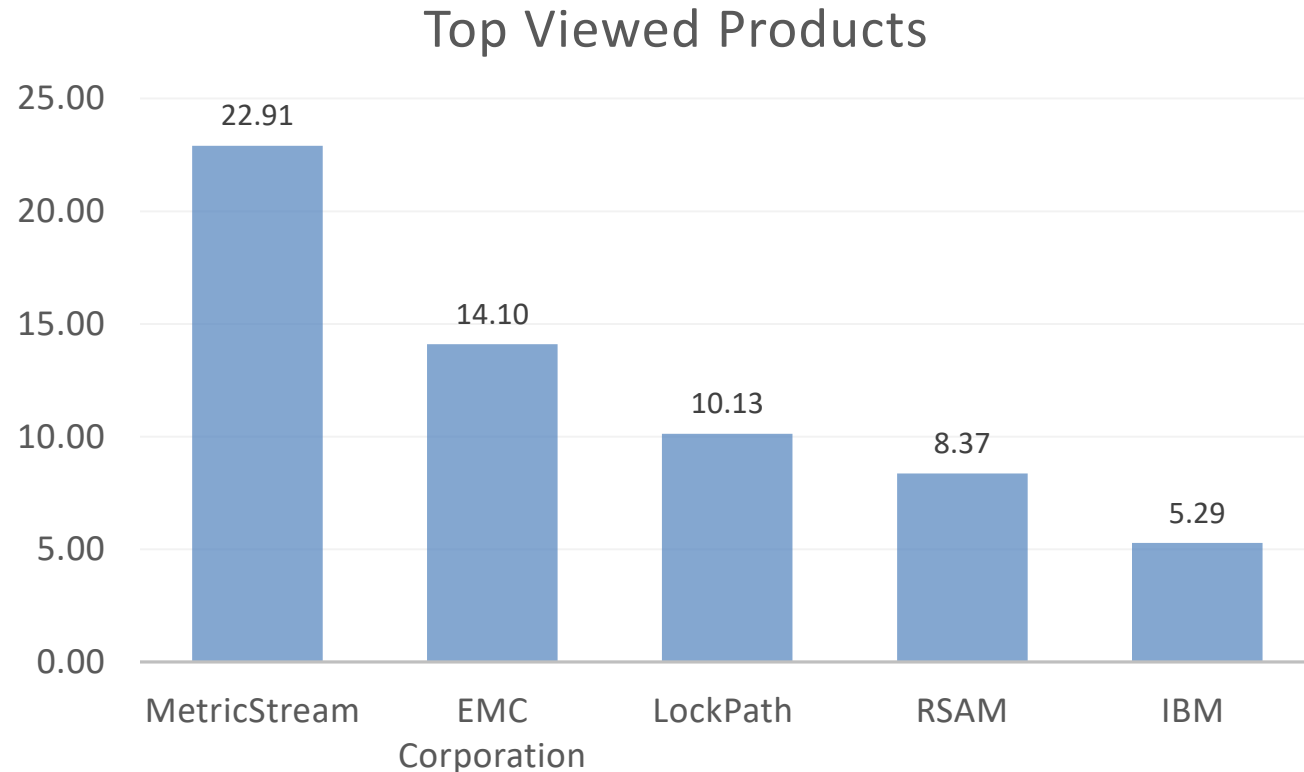
| Industry | Implementation (%) | Will Implement in CY (%) | Will Not Implement(%) |
|----------------------------|--------------------|--------------------------|-----------------------|
| BFSI | 36.67 | 45.00 | 18.33 |
| IT/ITES | 32.5 | 47.5 | 20.00 |
| Manufacturing/Infra/Energy | 15.00 | 55.00 | 30.00 |
| Other | 20.00 | 45.00 | 35.00 |
| Pharma/Health | 21.5 | 38.5 | 40.00 |
| Public | 33.33 | 33.33 | 33.33 |
| Online/Media/Entertainment | 35.00 | 25.00 | 40.00 |
| Telecom | 50.00 | 30.00 | 20.00 |

IT GRC across regions

| Region | Implementation (%) | Will Implement in CY (%) | Will Not Implement(%) |
|-----------|--------------------|--------------------------|-----------------------|
| Ahmedabad | 15.00 | 50.00 | 35.00 |
| Bangalore | 31.67 | 51.67 | 16.67 |
| Chennai | 23.00 | 33.00 | 34.00 |
| Delhi NCR | 39.61 | 32.26 | 16.13 |
| Hyderabad | 29.43 | 40.57 | 30.00 |
| Kolkata | 0.00 | 50.00 | 50.00 |
| Mumbai | 47.50 | 40.00 | 12.50 |
| Others | 13.33 | 23.33 | 63.33 |
| Pune | 17.50 | 62.50 | 20.00 |

FireCompass Stats For GRC Market

- **Top Viewed Products:**
 - **MetricStream** is most viewed product in GRC market with 22.91%
 - **EMC Corporation & LockPath** are 2nd and 3rd with 14.1% and 10.13% respectively



FireCompass Stats For GRC Market

Popular Comparisons:

- MetricStream GRC Vs. RSA-Archer
- RSA-Archer Vs. RSAM GRC
- MetricStream GRC Vs. IBM OpenPages GRC Platform
- LockPath Keylight Platform Vs. MetricStream GRC

Top Rated Products:

- MetricStream GRC: 4.8/5
- Nasdaq BWISE® Risk Manager: 4.17/5
- IBM OpenPages GRC Platform: 4.1/5
- RSAM GRC: 3.6/5

Privileged Access Management (PAM)

PIM/PAM Implementation Status

Implementation Status of PIM/PAM Over Last 2 Years (in %)



PIM/PAM across domains

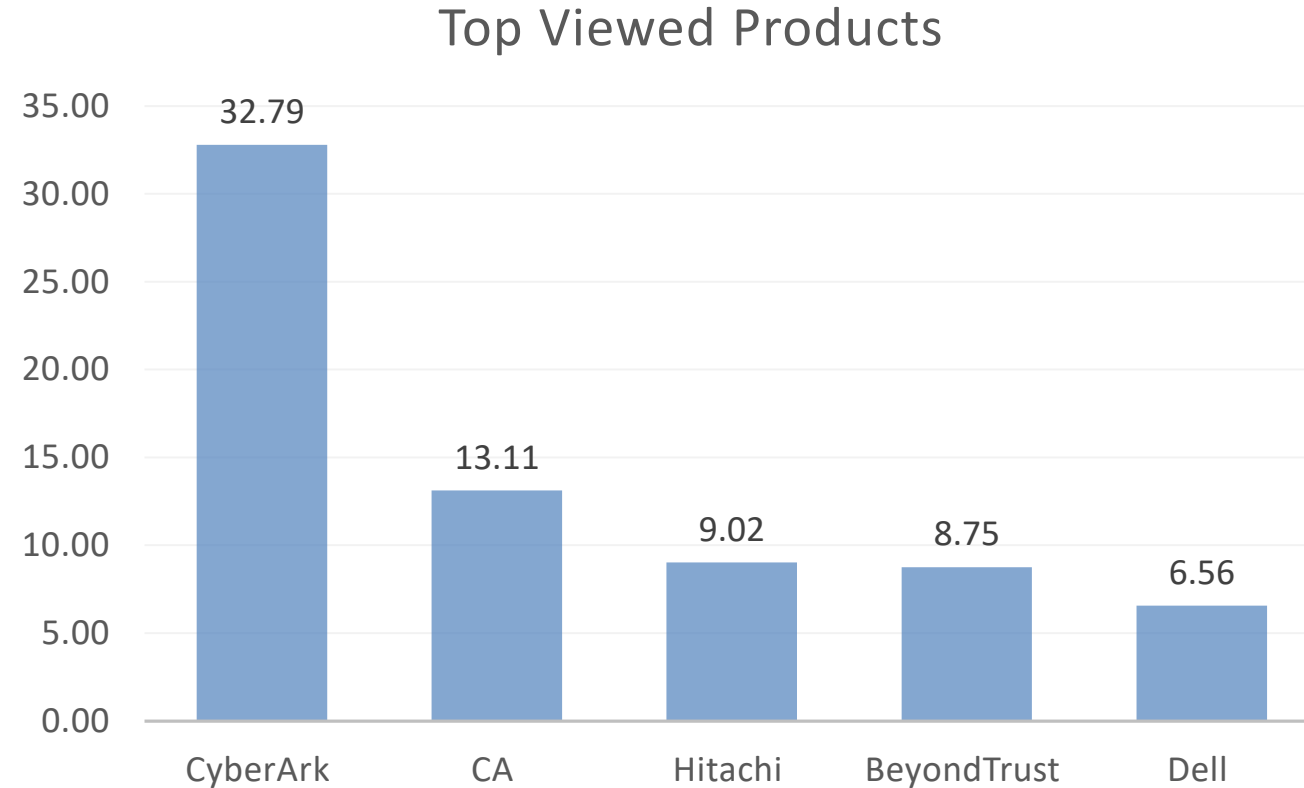
| Industry | Implementation (%) | Will Implement in CY (%) | Will Not Implement(%) |
|----------------------------|--------------------|--------------------------|-----------------------|
| BFSI | 50.00 | 26.67 | 23.33 |
| IT/ITES | 46.76 | 29.41 | 23.82 |
| Manufacturing/Infra/Energy | 25.00 | 35.00 | 40.00 |
| Public | 20.00 | 33.33 | 36.67 |
| Telecom | 60.00 | 20.00 | 20.00 |
| Other | 45.00 | 22.50 | 32.50 |
| Online/Media/Entertainment | 20.00 | 60.00 | 20.00 |
| Pharma/Health | 27.14 | 48.57 | 24.29 |

PIM/PAM across regions

| Region | Implementation (%) | Will Implement in CY (%) | Will Not Implement(%) |
|-----------|--------------------|--------------------------|-----------------------|
| Ahmedabad | 20.00 | 50.00 | 30.00 |
| Bangalore | 53.33 | 41.67 | 5.00 |
| Chennai | 40.00 | 25.00 | 35.00 |
| Delhi NCR | 64.52 | 22.58 | 12.90 |
| Hyderabad | 42.86 | 57.14 | 0.00 |
| Kolkata | 50.00 | 0.00 | 50.00 |
| Mumbai | 62.50 | 30.00 | 7.50 |
| Others | 52.00 | 12.50 | 25.50 |
| Pune | 62.50 | 25.00 | 12.50 |

FireCompass Stats For PAM Market

- Top Viewed Products:
 - **CyberArk** is most viewed product in PAM market with 32.79%
 - **CA Technology & Hitachi** are 2nd and 3rd with 13.11% and 9.02% respectively



FireCompass Stats For PAM Market

Popular Comparisons:

- CyberArk Privileged Account Security Solution Vs. CA PAM Server Control
- CA PAM Server Control Vs. Hitachi ID Privileged Access Manager
- CyberArk Privileged Account Security Solution Vs. Hitachi ID PAM
- CyberArk Privileged Account Security Solution Vs. BeyondTrust PowerBroker

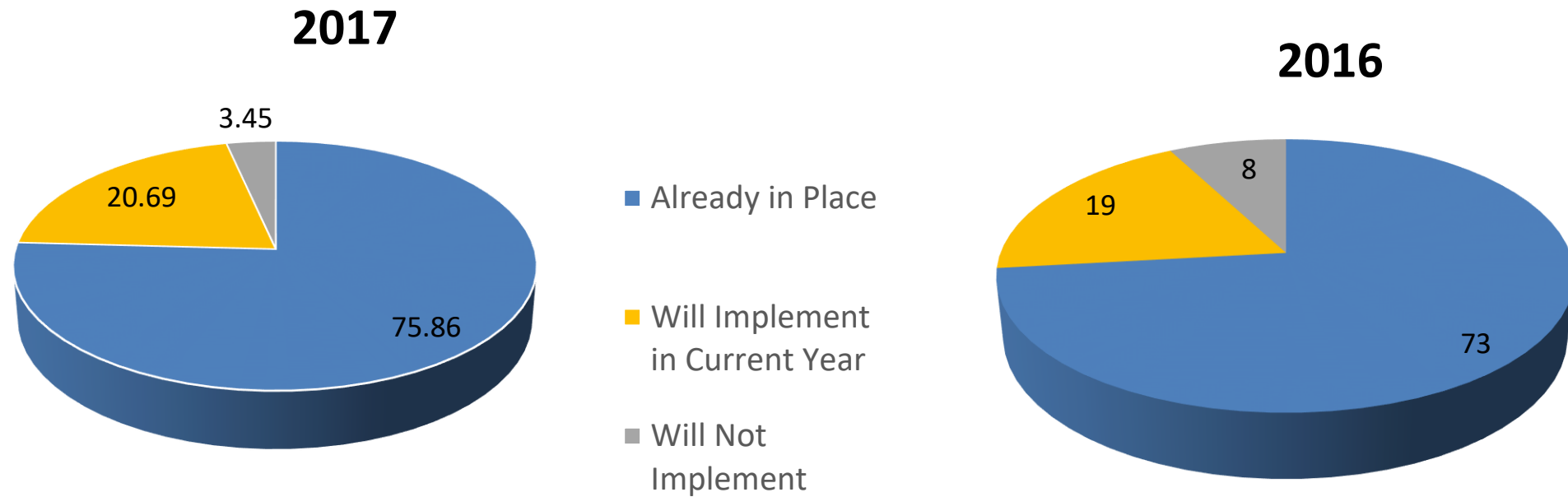
Top Rated Products:

- CyberArk Privileged Account Security Solution: 4/5
- Dell Privileged Access Suite for Unix: 1.5/5

Encryption

Encryption Implementation Status

Implementation Status of Encryption Over Last 2 Years (in %)



Encryption across domains

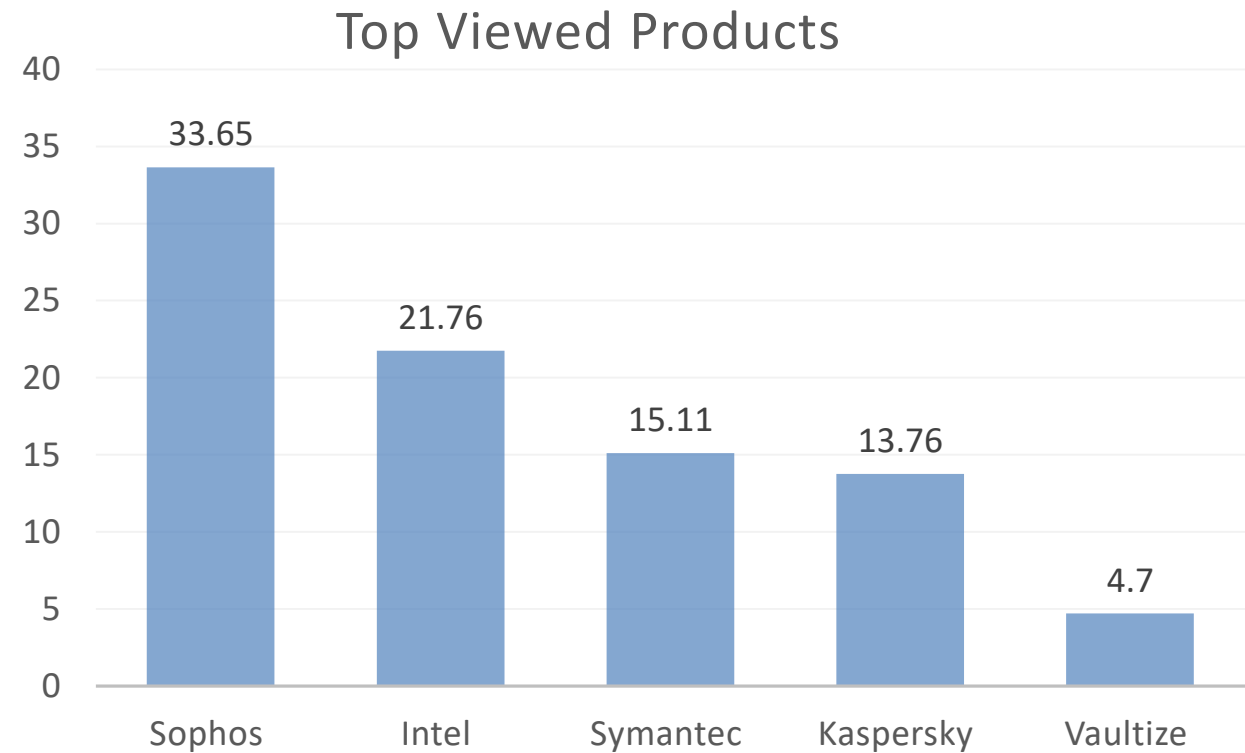
| Industry | Implementation (%) | Will Implement in CY (%) | Will Not Implement(%) |
|----------------------------|--------------------|--------------------------|-----------------------|
| BFSI | 76.67 | 16.67 | 6.67 |
| IT/ITES | 82.35 | 17.65 | 0.00 |
| Manufacturing/Infra/Energy | 65.00 | 35.00 | 0.00 |
| Online/Media/Entertainment | 60.00 | 40.00 | 0.00 |
| Other | 87.50 | 12.50 | 0.00 |
| Pharma/Health | 71.43 | 14.29 | 14.29 |
| Public | 66.67 | 16.67 | 16.67 |
| Telecom | 83.33 | 16.67 | 0.00 |

Encryption across regions

| Region | Implementation (%) | Will Implement in CY (%) | Will Not Implement(%) |
|-----------|--------------------|--------------------------|-----------------------|
| Ahmedabad | 50.00 | 50.00 | 0.00 |
| Bangalore | 75.00 | 25.00 | 0.00 |
| Chennai | 60.00 | 20.00 | 20.00 |
| Delhi NCR | 83.87 | 12.90 | 3.23 |
| Hyderabad | 57.14 | 42.86 | 0.00 |
| Kolkata | 50.00 | 50.00 | 0.00 |
| Mumbai | 70.00 | 22.50 | 7.50 |
| Others | 75.00 | 25.00 | 0.00 |
| Pune | 80.00 | 10.00 | 10.00 |

FireCompass Stats For Encryption Market

- Top Viewed Products:
 - **Sophos** is most viewed product in Encryption market with 33.65%
 - **Intel & Symantec** are 2nd and 3rd with 21.76% and 15.11% respectively



FireCompass Stats For Encryption Market

Popular Comparisons:

- Sophos SafeGuard Encryption Vs. McAfee complete data protection - Advanced
- Sophos SafeGuard Encryption Vs. Symantec endpoint encryption
- Symantec endpoint encryption Vs. McAfee complete data protection - Advanced
- Kaspersky Endpoint Security - Advanced Vs. Sophos SafeGuard Encryption

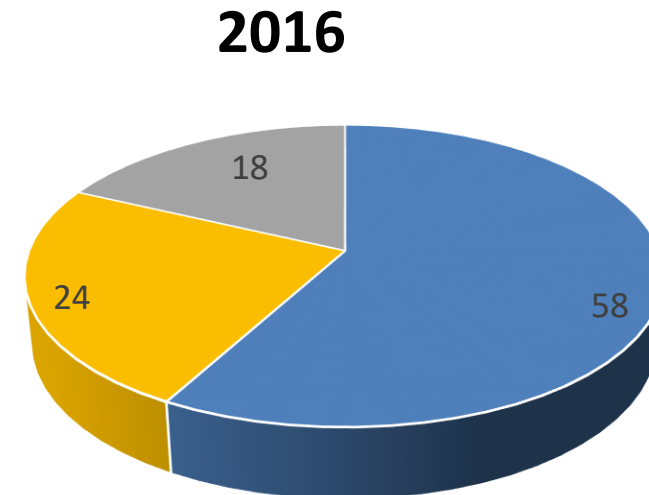
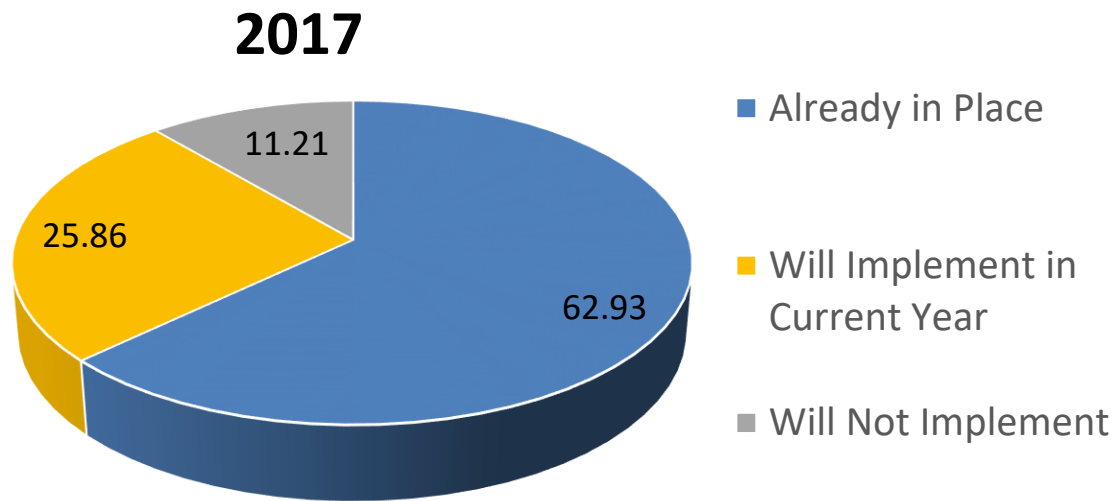
Top Rated Products:

- Sophos SafeGuard Encryption: 4.5/5
- Intel McAfee complete data protection - Advanced: 4.3/5
- Symantec endpoint encryption (powered by PGP): 4.3/5
- WinMagic SecureDoc Enterprise Server: 4/5

Unified Threat Management (UTM)

UTM Implementation Status

Implementation Status of UTM Over Last 2 Years (in %)



UTM across domains

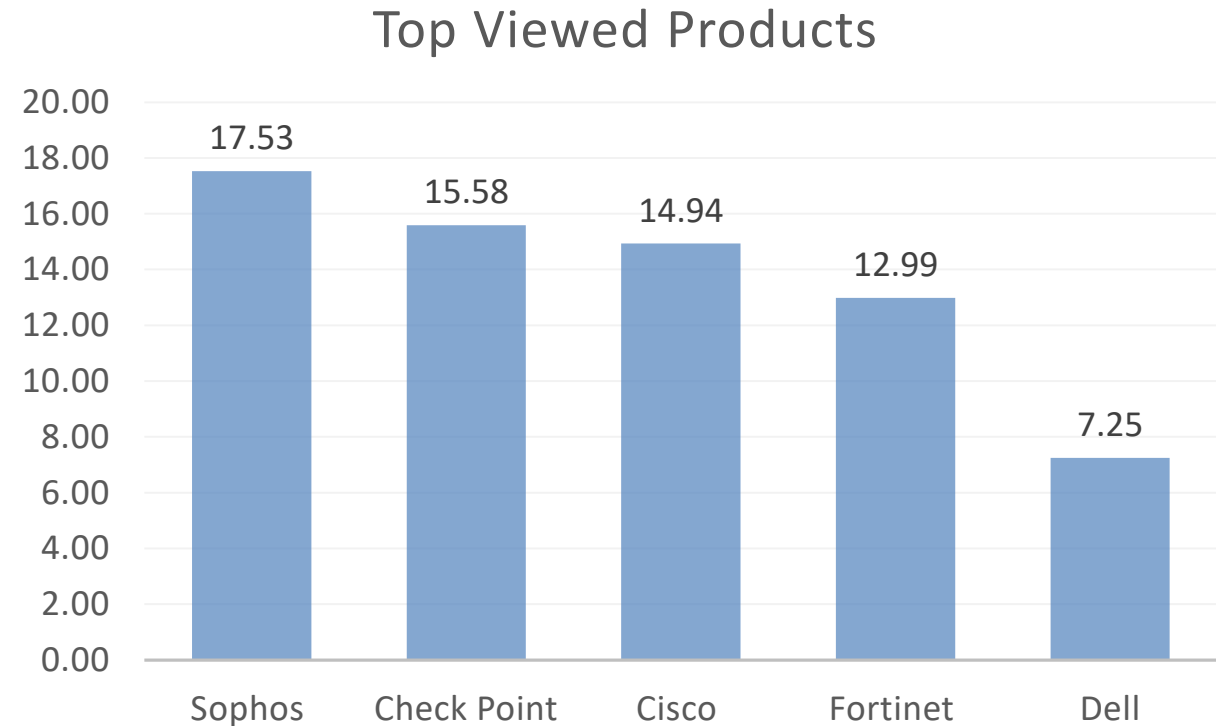
| Industry | Implementation (%) | Will Implement in CY (%) | Will Not Implement(%) |
|----------------------------|--------------------|--------------------------|-----------------------|
| BFSI | 87.50 | 0.00 | 12.50 |
| IT/ITES | 80.00 | 20.00 | 0.00 |
| Manufacturing/Infra/Energy | 65.00 | 20.00 | 15.00 |
| Online/Media/Entertainment | 64.71 | 26.47 | 8.82 |
| Other | 53.33 | 33.33 | 13.33 |
| Pharma/Health | 57.14 | 28.57 | 14.29 |
| Public | 50.00 | 33.33 | 16.67 |
| Telcommunication | 66.67 | 33.33 | 0.00 |

UTM across regions

| Region | Implementation (%) | Will Implement in CY (%) | Will Not Implement(%) |
|-----------|--------------------|--------------------------|-----------------------|
| Ahmedabad | 50.00 | 25.00 | 25.00 |
| Bangalore | 83.33 | 16.67 | 0.00 |
| Chennai | 50.00 | 50.00 | 0.00 |
| Delhi NCR | 74.19 | 19.35 | 6.45 |
| Hyderabad | 50.00 | 32.50 | 17.50 |
| Kolkata | 40.00 | 60.00 | 20.00 |
| Mumbai | 85.71 | 14.29 | 0.00 |
| Others | 62.50 | 12.50 | 25.00 |
| Pune | 37.50 | 50.00 | 12.50 |

FireCompass Stats For UTM Market

- Top Viewed Products:
 - **Sophos** is most viewed product in UTM market with 17.53%
 - **Check Point & CISCO** are 2nd and 3rd with 15.58% and 14.94% respectively



FireCompass Stats For UTM Market

Popular Comparisons:

- Sophos SG Series firewall/UTM appliances Vs. Check Point UTM
- Check Point UTM Vs. Cisco Meraki MX appliances
- FortiGate Vs. Sophos SG Series firewall/UTM appliances
- Cisco Meraki MX appliances Vs. FortiGate

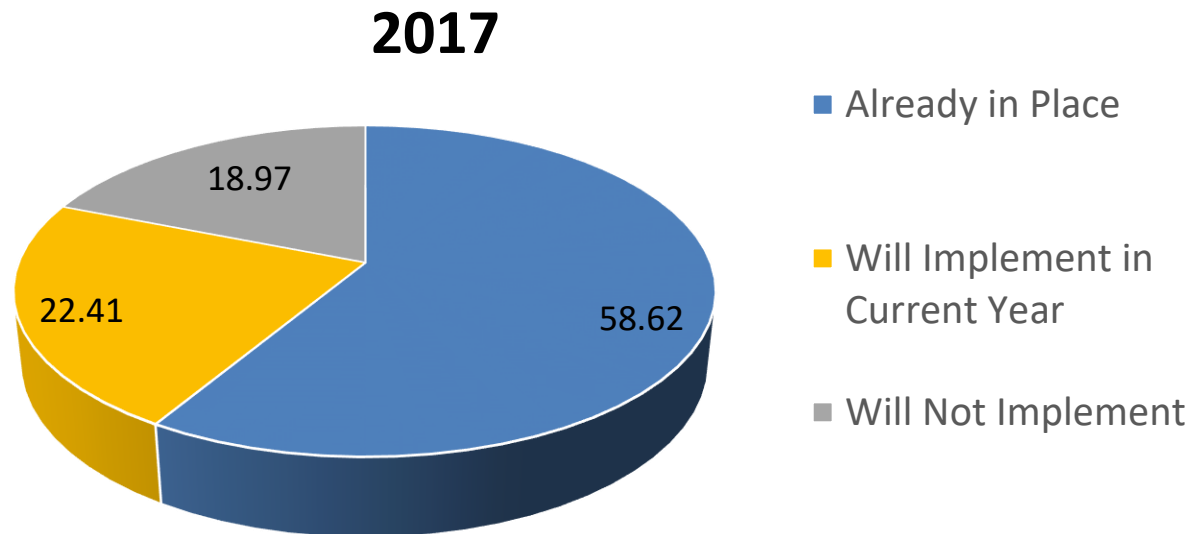
Top Rated Products:

- Check Point UTM: 4.6/5
- Sophos SG Series firewall/UTM appliances: 4.6/5
- FortiGate: 4.5/5
- Cisco Meraki MX appliances: 3.6/5

Managed Security Services (MSS)

MSS Implementation Status

Implementation Status of MSS Over Last 2 Years (in %)



MSS across domains

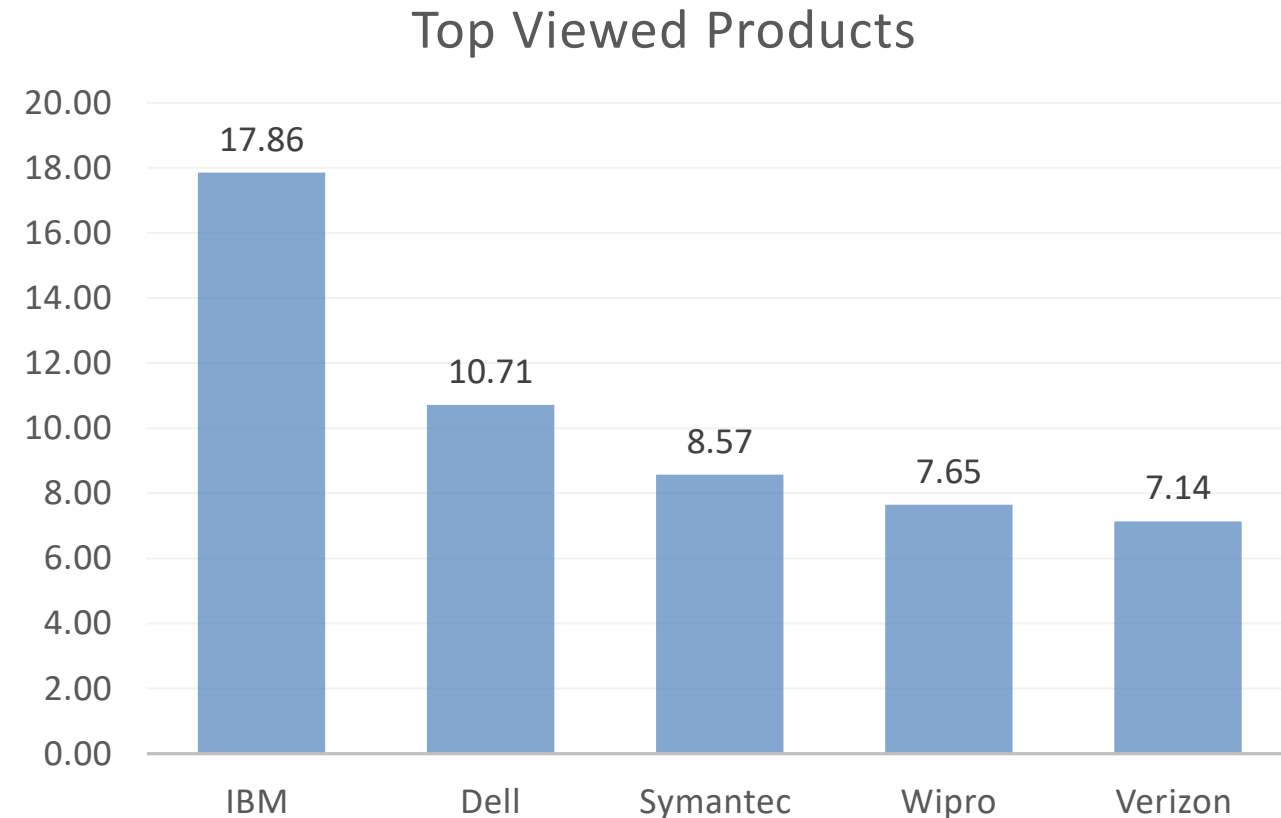
| Industry | Implementation (%) | Will Implement in CY (%) | Will Not Implement(%) |
|----------------------------|--------------------|--------------------------|-----------------------|
| BFSI | 70.00 | 20.00 | 10.00 |
| IT/ITES | 58.82 | 23.53 | 17.65 |
| Manufacturing/Infra/Energy | 35.00 | 40.00 | 25.00 |
| Online/Media/Entertainment | 80.00 | 20.00 | 0.00 |
| Other | 37.50 | 25.00 | 37.50 |
| Pharma/Health | 71.43 | 0.00 | 28.57 |
| Public | 33.33 | 16.67 | 50.00 |
| Telecom | 100.00 | 0.00 | 0.00 |

MSS across regions

| Region | Implementation (%) | Will Implement in CY (%) | Will Not Implement(%) |
|-----------|--------------------|--------------------------|-----------------------|
| Ahmedabad | 50.00 | 25.00 | 25.00 |
| Bangalore | 83.33 | 16.67 | 0.00 |
| Chennai | 50.00 | 50.00 | 0.00 |
| Delhi NCR | 74.19 | 19.35 | 6.45 |
| Hyderabad | 50.00 | 32.50 | 17.50 |
| Kolkata | 40.00 | 60.00 | 20.00 |
| Mumbai | 85.71 | 14.29 | 0.00 |
| Others | 62.50 | 12.50 | 25.00 |
| Pune | 37.50 | 50.00 | 12.50 |

FireCompass Stats For MSS Market

- Top Viewed Products:
 - **IBM** is most viewed product in MSS market with 17.86%
 - **Dell & Symantec** are 2nd and 3rd with 10.71% and 8.57% respectively



FireCompass Stats For MSS Market

Popular Comparisons:

- IBM Managed Security Services Vs. Wipro ServiceNxt MSS
- Dell Managed Security Services Vs. IBM Managed Security Services
- Verizon Managed Security Services Vs. Symantec Managed Security Services
- Symantec Managed Security Services Vs. Wipro ServiceNxt MSS

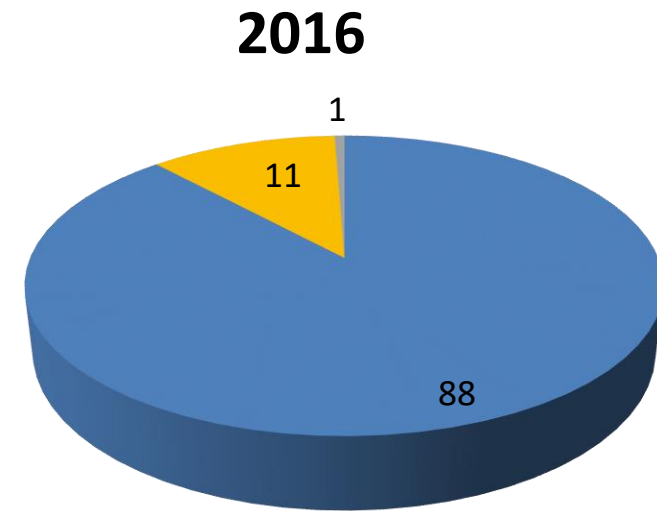
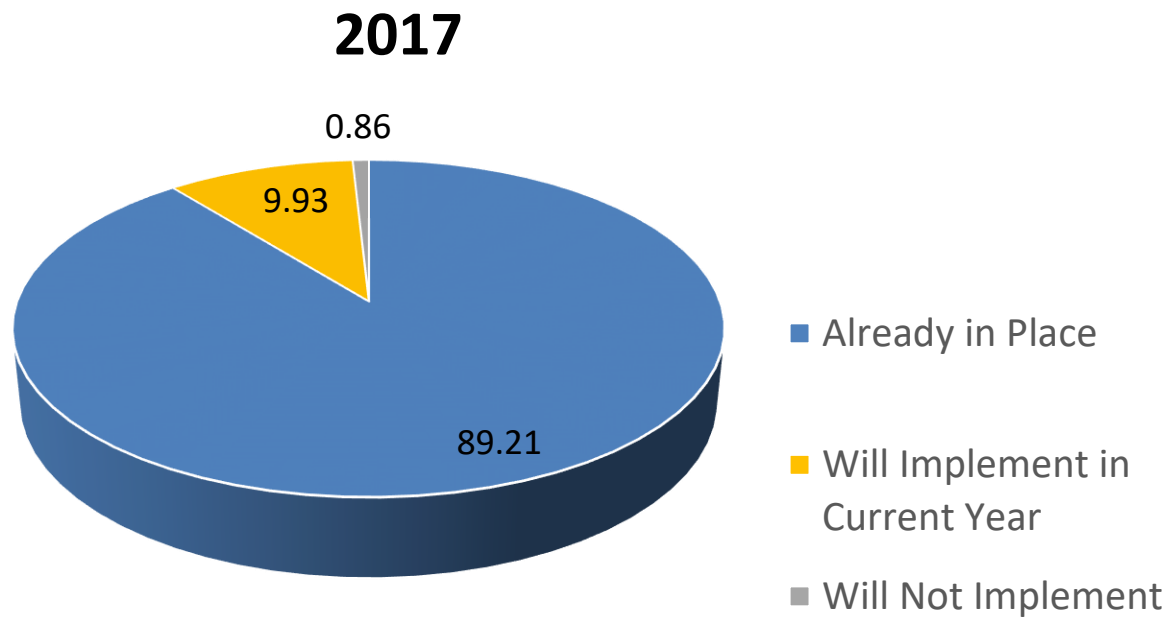
Top Rated Products:

- IBM Managed Security Services: 5/5
- Verizon Managed Security Services: 5/5
- Dell Managed Security Services: 5/5
- Symantec Managed Security Services: 5/5

Email Security

Email Security Implementation Status

Implementation Status of Email Security Over Last 2 Years (in %)



Email Security across domains

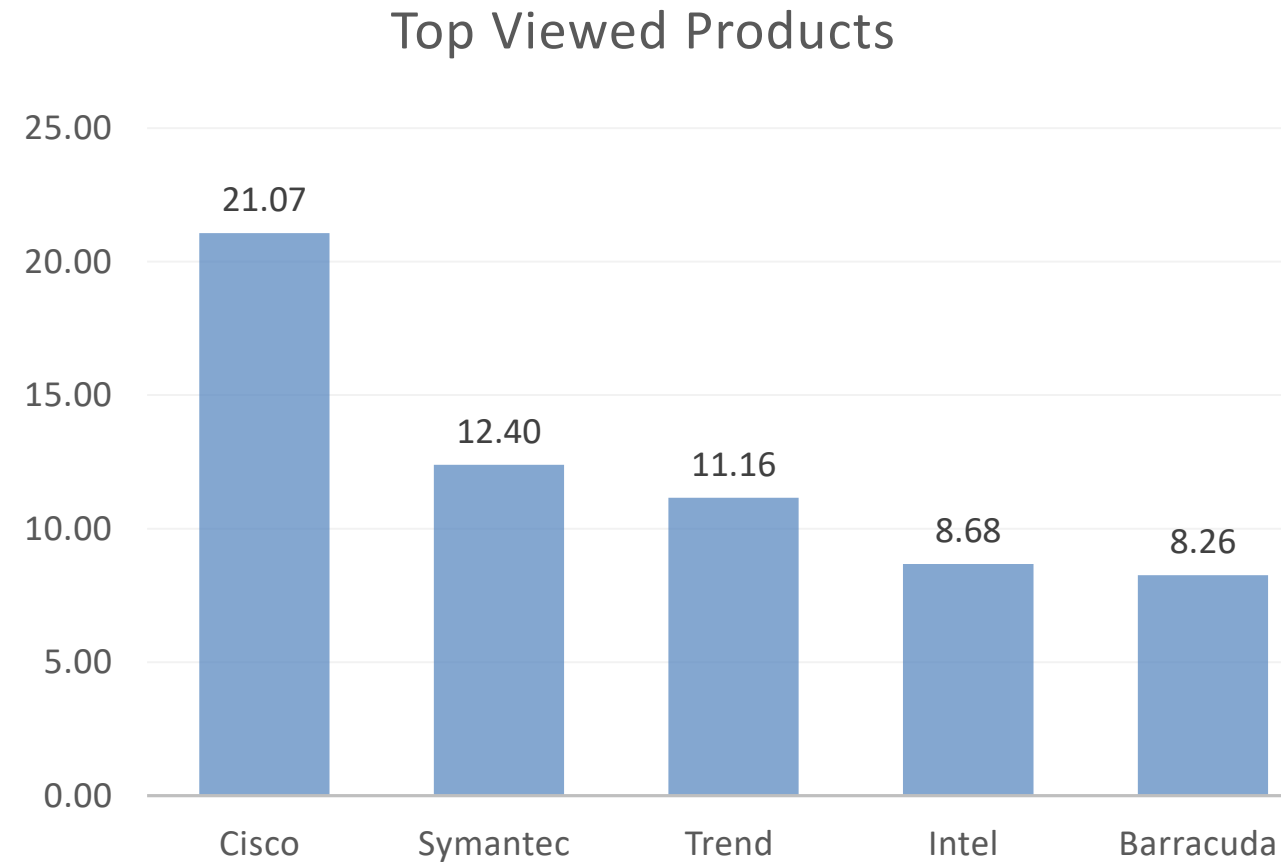
| Industry | Implementation (%) | Will Implement in CY (%) | Will Not Implement(%) |
|----------------------------|--------------------|--------------------------|-----------------------|
| BFSI | 80.00 | 20.00 | 0.00 |
| IT/ITES | 91.18 | 5.88 | 2.94 |
| Manufacturing/Infra/Energy | 95.00 | 5.00 | 0.00 |
| Online/Media/Entertainment | 80.00 | 20.00 | 0.00 |
| Other | 87.50 | 12.50 | 0.00 |
| Pharma/Health | 71.43 | 28.57 | 0.00 |
| Public | 66.67 | 33.33 | 0.00 |
| Telecom | 100.00 | 0.00 | 0.00 |

Email Security across regions

| Region | Implementation (%) | Will Implement in CY (%) | Will Not Implement(%) |
|-----------|--------------------|--------------------------|-----------------------|
| Ahmedabad | 75.00 | 25.00 | 0.00 |
| Bangalore | 83.33 | 8.33 | 8.33 |
| Chennai | 100.00 | 0.00 | 0.00 |
| Delhi NCR | 90.32 | 9.68 | 0.00 |
| Hyderabad | 57.14 | 42.86 | 0.00 |
| Kolkata | 100.00 | 0.00 | 0.00 |
| Mumbai | 85.00 | 15.00 | 0.00 |
| Others | 87.50 | 12.50 | 0.00 |
| Pune | 100.00 | 0.00 | 0.00 |

FireCompass Stats For Email Security Market

- Top Viewed Products:
 - **CISCO** is most viewed product in Email Security market with 21.07%
 - **Symantec & Trend Micro** are 2nd and 3rd with 12.40% and 11.16% respectively



FireCompass Stats For Email Security Market

Popular Comparisons:

- Cisco Email Security Appliance Vs. TrendMicro Hosted Email Security
- TrendMicro Hosted Email Security Vs. Symantec™ Email Security.cloud
- Symantec™ Email Security.cloud Vs. Cisco Email Security Appliance
- McAfee Email Gateway Vs. Barracuda Email Security Service

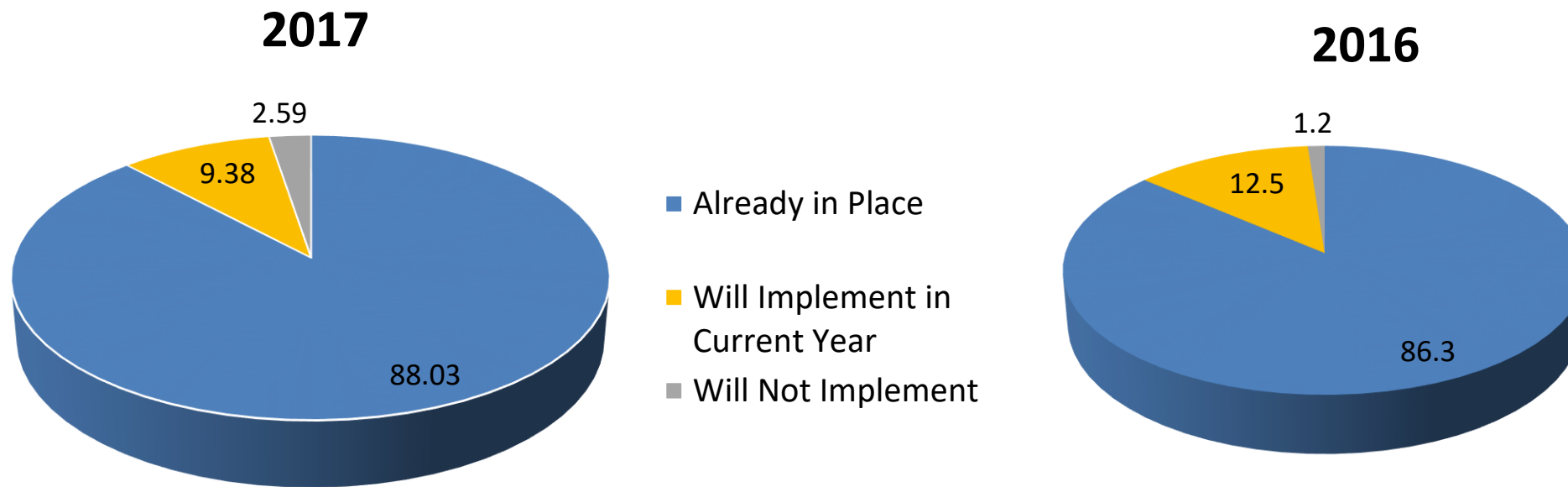
Top Rated Products:

- Proofpoint enterprise email protection: 5/5
- Microsoft® Forefront® Online Protection for Exchange: 5/5
- Cisco Email Security Appliance: 5/5
- TrendMicro Hosted Email Security: 3.5/5

Vulnerability Assessment (VA)

VA Implementation Status

Implementation Status of VA Over Last 2 Years (in %)



VA across domains

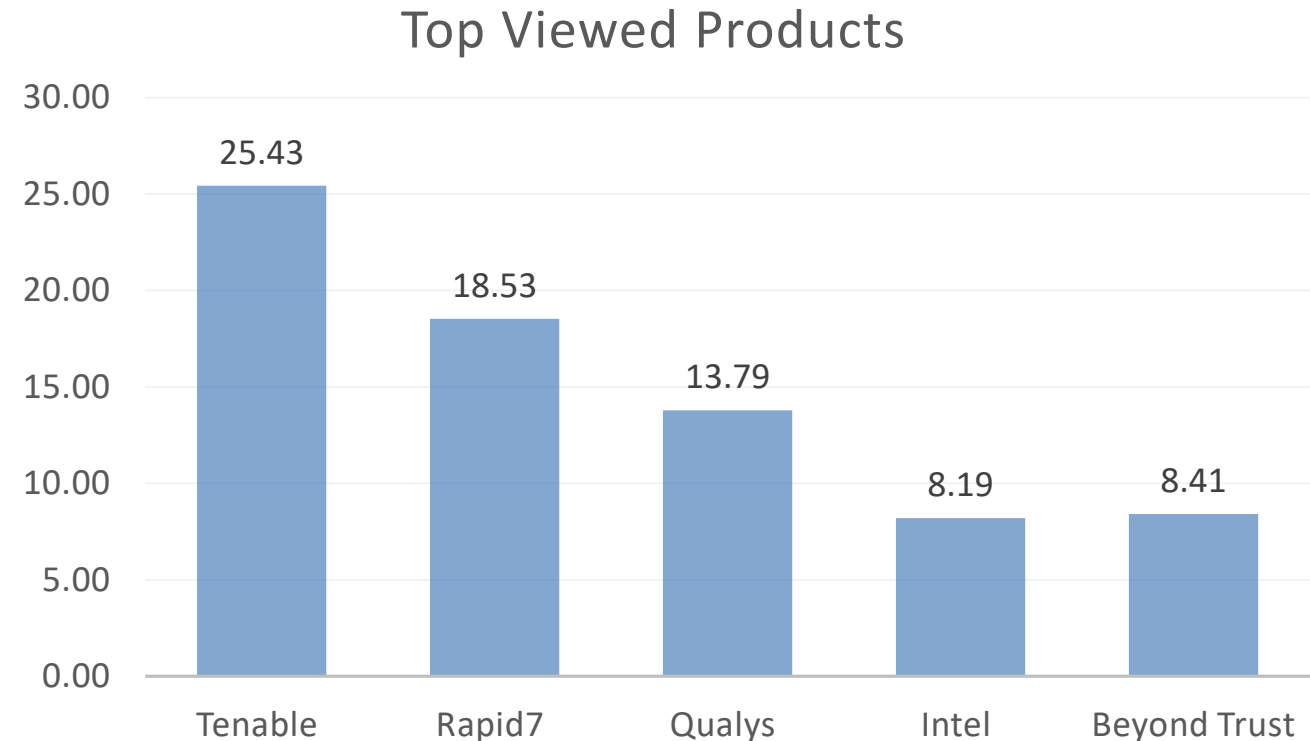
| Industry | Implementation (%) | Will Implement in CY (%) | Will Not Implement(%) |
|----------------------------|--------------------|--------------------------|-----------------------|
| BFSI | 96.67 | 3.33 | 0.00 |
| IT/ITES | 88.24 | 8.82 | 2.94 |
| Manufacturing/Infra/Energy | 70.00 | 25.00 | 5.00 |
| Online/Media/Entertainment | 100.00 | 0.00 | 0.00 |
| Other | 50.00 | 37.50 | 12.50 |
| Pharma/Health | 57.14 | 42.86 | 0.00 |
| Public | 50.00 | 50.00 | 0.00 |
| Telcommunication | 83.33 | 16.67 | 0.00 |

VA across regions

| Region | Implementation (%) | Will Implement in CY (%) | Will Not Implement(%) |
|-----------|--------------------|--------------------------|-----------------------|
| Ahmedabad | 50.00 | 25.00 | 25.00 |
| Bangalore | 83.33 | 16.67 | 0.00 |
| Chennai | 50.00 | 50.00 | 0.00 |
| Delhi NCR | 74.19 | 19.35 | 6.45 |
| Hyderabad | 50.00 | 32.50 | 17.50 |
| Kolkata | 40.00 | 60.00 | 20.00 |
| Mumbai | 85.71 | 14.29 | 0.00 |
| Others | 62.50 | 12.50 | 25.00 |
| Pune | 37.50 | 50.00 | 12.50 |

FireCompass Stats For VA Market

- Top Viewed Products:
 - **Tenable** is most viewed product in VA market with 25.43%
 - **Rapid7 & Qualys** are 2nd and 3rd with 18.53% and 13.79% respectively



FireCompass Stats For VA Market

Popular Comparisons:

- Tenable Nessus Vs. Qualys Vulnerability Management (VM):
- Qualys Vulnerability Management (VM) Vs. Rapid 7 Nexpose
- Rapid 7 Nexpose Vs. Tenable Nessus
- McAfee Vulnerability Manager Vs. Rapid 7 Nexpose

Top Rated Products:

- McAfee Vulnerability Manager: 5/5
- Rapid 7 Nexpose: 4.9/5
- Qualys Vulnerability Management (VM): 4.6/5
- Tenable Nessus: 4.5/5

Thank You