

Penetration Testing Market by Offering (Solution, Services), Type (Web Applications, Mobile Applications, Network Infrastructure, Social Engineering, Cloud), Organization Size, Deployment Mode, Vertical and Region - Global Forecast to 2029

<https://marketpublishers.com/r/PC9319F2A64EN.html>

Date: April 2024

Pages: 330

Price: US\$ 4,950.00 (Single User License)

ID: PC9319F2A64EN

Abstracts

The global penetration testing market is estimated to be valued at USD 1.7 billion in 2024 and is expected to grow to USD 3.9 billion by 2029, with a compound annual growth rate (CAGR) of 17.1%. The penetration testing market is witnessing significant growth due to escalating cyber threats, stricter regulations, and evolving business landscapes. With cyberattacks becoming more frequent and sophisticated, businesses are increasingly adopting proactive security measures like penetration testing to identify vulnerabilities. Stricter data privacy regulations globally mandate regular security assessments, driving market demand. The rapid adoption of cloud computing and IoT technologies creates new security challenges, further fueling the need for penetration testing—affordability and limited in-house expertise prompt SMEs to invest in penetration testing services tailored to their needs. Cloud-based solutions, automation, and the shift toward proactive security strategies are expected to sustain market growth.

'By offering, the services segment is expected to achieve a high growth rate during the forecast period.'

Many organizations back the growth of the penetration testing market by services and lack in-house expertise for comprehensive penetration testing, driving the demand for skilled professionals offered by service providers. Procuring services on a project basis proves more cost-effective for businesses, especially SMEs, than hiring dedicated personnel. Service providers provide scalability, flexibility, and compliance assurance, tailoring testing to suit specific needs and regulatory requirements. Moreover, in the

face of evolving cyber threats, service providers stay updated with the latest technologies and methodologies, ensuring effective testing against emerging risks. The shortage of skilled professionals further emphasizes the importance of outsourcing to specialized service providers, enabling businesses to focus on their core operations. The service segment's growth is propelled by the increasing demand for expertise, cost-effectiveness, and staying ahead of evolving threats, making partnerships with experienced providers essential for maintaining a robust security posture.

'By deployment mode, the cloud segment is expected to achieve a high growth rate during the forecast period.'

The cloud-based segment is poised to grow at a higher growth rate in the penetration testing market due to its scalability, cost-effectiveness, and global accessibility. Cloud solutions offer efficient testing from any location by eliminating the need for hardware and software investments. Moreover, businesses benefit from access to skilled penetration testing teams provided by cloud service providers and seamless integration with existing cloud security tools. These solutions address evolving cloud security challenges while emphasizing automation and regulatory compliance. With businesses increasingly adopting cloud technologies, cloud-based penetration testing is expected to experience significant growth, meeting the demands of a rapidly evolving cybersecurity landscape.

'The North America region will dominate the penetration testing market during the forecast period.'

North America is positioned to hold a significant share and experience substantial growth in the future penetration testing market. This is attributed to several key factors: North America is a tech hub with early adopters, driving widespread cloud adoption and necessitating robust penetration testing to address unique security challenges. The stringent regulations such as HIPAA and PCI DSS mandate regular security assessments, fueling demand for proactive security measures. Other contributing factors include high disposable income, a well-established pool of cybersecurity professionals, and a focus on innovation in cybersecurity solutions. With a focus on cloud adoption, evolving threats, and demand from SMEs, North America's penetration testing market is expected to witness significant growth. Despite competition and emphasis on automation, North America's robust technology and data security foundation positions it as a global penetration testing market leader.

Breakdown of primaries

The study contains insights from various industry experts, from solution vendors to Tier 1 companies. The breakdown of the primaries is as follows:

By Company Type: Tier 1 – 35%, Tier 2 – 45%, and Tier 3 – 20%

By Designation: C-level – 40%, Managers and Others – 60%

By Region: North America – 20%, Europe – 35%, Asia Pacific – 45%.

The major players in the penetration testing market are Rapid7(US), Secureworks(US), Synopsys(US), Crowdstrike(US), IBM(US), Coalfire Labs(US), Indium Software(US), Cigniti Technologies(US), Trustwave(US), Cisco Systems(US), Fortinet(US), Bugcrowd(US), Invicti(US), Hackerone(US), Raxis(US), Rsi Security(US), Rhino Security Labs(US), Sciencesoft(US), Portswigger(US), Netraguard(US), Software Secured(Canada), Vumentric Cybersecurity(Canada), Netitude(UK), Zimperium(US), Nowsecure(US), Security Metrics(US), NetSpi(US), Covertswarm(UK), Holm Security(Sweden), Intruder Systems(UK), Breachlock(US), Isecurion(India), Redbot Security(US). The study includes an in-depth competitive analysis of these key players in the penetration testing market, with their company profiles, recent developments, and key market strategies.

Research Coverage

The research encompasses the penetration testing market's size across various segments. It seeks to gauge its market size and growth potential within different categories by offering sub-types, organization sizes, deployment modes, verticals, and regions. Additionally, the study provides a comprehensive competitive analysis of major market players, delving into their company profiles, significant observations regarding product and business offerings, recent advancements, and key market strategies.

Reasons to buy this report

The report aims to assist market leaders and new entrants by providing near-accurate revenue estimates for the overall penetration testing market and its subsegments. It offers insights into the competitive landscape, enabling stakeholders to gain a deeper understanding and better position their businesses while also aiding in developing appropriate go-to-market strategies. Furthermore, the report aids stakeholders in

grasping the market dynamics, offering information on significant market drivers, constraints, challenges, and opportunities.

The report provides insights on the following pointers:

The report offers insights into various aspects: As businesses increasingly recognize the critical importance of penetration testing, there is a growing demand for comprehensive solutions and services in this domain. These encompass a range of tools that enable organizations to achieve secure and authentic connectivity. While challenges such as the need for alignment and technology integration are acknowledged, the report emphasizes the dynamic nature of penetration testing technologies and evolving market trends. Additionally, it provides valuable insights into the future direction of the penetration testing market.

Product Development/Innovation: The report provides detailed insights into emerging technologies, research and development activities, and product and solution launches within the penetration testing market.

Market Development: The report offers extensive details regarding profitable markets, analyzing the penetration testing market across diverse regions.

Market Diversification: The report provides thorough information on newly developed products and solutions, unexplored geographical areas, recent advancements, and investments in the penetration testing market

Competitive Assessment: In-depth assessment of market shares, growth strategies, and service offerings of leading players like Rapid7(US), Secureworks(US), Synopsys(US), CrowdStrike(US), IBM(US), Coalfire Labs(US), Indium Software(US), Cigniti Technologies(US), Trustwave(US), Cisco Systems(US), Fortinet(US), Bugcrowd(US), Invicti(US), Hackerone(US), Raxis(US), Rsi Security(US), Rhino Security Labs(US), Sciencesoft(US), Portswigger(US), Netraguard(US), Software Secured(Canada), Vumentric Cybersecurity(Canada), Netitude(UK), Zimperium(US), Nowsecure(US), Security Metrics(US), NetSpi(US), Covertswarm(UK), Holm Security(Sweden), Intruder Systems(UK), Breachlock(US), Isecursion(India), Redbot Security(US).

Contents

1 INTRODUCTION

1.1 STUDY OBJECTIVES

1.2 MARKET DEFINITION

1.2.1 INCLUSIONS AND EXCLUSIONS

1.3 MARKET SCOPE

1.3.1 MARKET SEGMENTATION

1.3.2 REGIONS COVERED

1.3.3 YEARS CONSIDERED

1.4 CURRENCY CONSIDERED

TABLE 1 USD EXCHANGE RATES, 2017–2022

1.5 STAKEHOLDERS

1.6 SUMMARY OF CHANGES

2 RESEARCH METHODOLOGY

2.1 RESEARCH DATA

FIGURE 1 PENETRATION TESTING MARKET: RESEARCH DESIGN

2.1.1 SECONDARY DATA

2.1.2 PRIMARY DATA

2.1.2.1 Breakup of primaries

2.1.2.2 Key industry insights

2.2 MARKET SIZE ESTIMATION

2.2.1 TOP-DOWN APPROACH

FIGURE 2 APPROACH 1 TOP-DOWN (SUPPLY SIDE): REVENUE FROM SOFTWARE/SERVICES OF PENETRATION TESTING VENDORS

FIGURE 3 APPROACH 1 TOP-DOWN (SUPPLY SIDE) ANALYSIS

2.2.2 BOTTOM-UP APPROACH

FIGURE 4 MARKET SIZE ESTIMATION METHODOLOGY: APPROACH 2, BOTTOM-UP (DEMAND SIDE): PRODUCTS/SOLUTIONS/SERVICES

2.3 DATA TRIANGULATION

FIGURE 5 PENETRATION TESTING MARKET: DATA TRIANGULATION

2.4 MARKET FORECAST

TABLE 2 FACTOR ANALYSIS

2.5 ASSUMPTIONS

2.6 LIMITATIONS

FIGURE 6 LIMITATIONS OF PENETRATION TESTING MARKET REPORT

2.7 RECESSION IMPACT

3 EXECUTIVE SUMMARY

FIGURE 7 PENETRATION TESTING MARKET TO WITNESS SIGNIFICANT GROWTH DURING FORECAST PERIOD

FIGURE 8 PENETRATION TESTING MARKET: REGIONAL SNAPSHOT

4 PREMIUM INSIGHTS

4.1 ATTRACTIVE OPPORTUNITIES FOR PLAYERS IN PENETRATION TESTING MARKET

FIGURE 9 RISING NEED FOR SECURE WEB AND MOBILE APPLICATIONS TO DRIVE MARKET GROWTH

4.2 PENETRATION TESTING MARKET, BY OFFERING

FIGURE 10 SERVICES SEGMENT TO ACCOUNT FOR LARGER MARKET SIZE DURING FORECAST PERIOD

4.3 PENETRATION TESTING MARKET, BY VERTICAL

FIGURE 11 BFSI VERTICAL TO LEAD MARKET DURING FORECAST PERIOD

4.4 PENETRATION TESTING MARKET, BY DEPLOYMENT MODE

FIGURE 12 ON-PREMISES DEPLOYMENT MODE TO DOMINATE DURING FORECAST PERIOD

4.5 PENETRATION TESTING MARKET, BY ORGANIZATION SIZE

FIGURE 13 LARGE ENTERPRISES SEGMENT TO EXHIBIT LARGER MARKET SIZE DURING FORECAST PERIOD

4.6 PENETRATION TESTING MARKET, BY TYPE

FIGURE 14 WEB APPLICATIONS SEGMENT TO LEAD DURING FORECAST PERIOD

4.7 MARKET INVESTMENT SCENARIO

FIGURE 15 ASIA PACIFIC TO EMERGE AS BEST MARKET FOR INVESTMENTS IN NEXT FIVE YEARS

5 MARKET OVERVIEW AND INDUSTRY TRENDS

5.1 INTRODUCTION

5.2 MARKET DYNAMICS

FIGURE 16 PENETRATION TESTING MARKET: DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES

5.2.1 DRIVERS

- 5.2.1.1 Increasing need to protect digital infrastructure from cybercrimes
- 5.2.1.2 Regulations and compliances mandating stricter security measures
- 5.2.1.3 Widespread adoption of cloud computing
- 5.2.1.4 Growing complexities of IT systems

5.2.2 RESTRAINTS

- 5.2.2.1 High costs of penetration testing
- 5.2.2.2 Prevalence of insider threats
- 5.2.2.3 Difficulties in integrating with existing security workflows

5.2.3 OPPORTUNITIES

- 5.2.3.1 Rising adoption of cost-effective PTaaS
- 5.2.3.2 Integration of AI, ML, and other technologies in penetration testing
- 5.2.3.3 Alignment of penetration testing with DevSecOps practices

5.2.4 CHALLENGES

- 5.2.4.1 Lack of skilled security professionals
- 5.2.4.2 Potential for disruption of regular operations

5.3 CASE STUDIES

5.3.1 RAPID7'S METASPLOIT HELPS CHANGE SECURITY MINDSET AT AUTOMATIONDIRECT

5.3.2 INFOPULSE PROVIDES EFFECTIVE SECURITY TESTING SOLUTION FOR ING BANK UKRAINE

5.3.3 REDTEAM SECURITY ASSISTS MALL OF AMERICA TO IDENTIFY NETWORK VULNERABILITIES

5.3.4 PORTSWIGGER HELPS PAYCHEX TO AUTOMATE CUSTOMIZED ATTACKS

5.3.5 'SSYNOPSYS PROVIDES AUTOMATED VULNERABILITY MANAGEMENT SOLUTION FOR TREND MICRO

5.4 VALUE CHAIN

FIGURE 17 PENETRATION TESTING MARKET: VALUE CHAIN

5.5 ECOSYSTEM

FIGURE 18 PENETRATION TESTING MARKET: ECOSYSTEM

TABLE 3 PENETRATION TESTING MARKET ECOSYSTEM

5.6 TECHNOLOGY ANALYSIS

5.6.1 KEY TECHNOLOGIES

- 5.6.1.1 Vulnerability assessment tools

5.6.2 COMPLEMENTARY TECHNOLOGIES

- 5.6.2.1 Intrusion detection systems
- 5.6.2.2 Security information and event management

5.6.3 ADJACENT TECHNOLOGIES

- 5.6.3.1 Forensic tools
- 5.6.3.2 Encryption technologies

5.7 PATENT ANALYSIS

FIGURE 19 NUMBER OF PATENTS GRANTED FOR PENETRATION TESTING MARKET, 2013–2023

FIGURE 20 REGIONAL ANALYSIS OF PATENTS GRANTED FOR PENETRATION TESTING MARKET

TABLE 4 TOP PATENTS IN PENETRATION TESTING MARKET, 2023

5.8 PRICING ANALYSIS

5.8.1 PRICING MODEL FOR PENETRATION TESTING

TABLE 5 AVERAGE PENETRATION TESTING COSTS, BY TYPE (USD)

5.8.2 INDICATIVE PRICING MODELS OF VENDORS

5.9 PORTER'S FIVE FORCES ANALYSIS

TABLE 6 PENETRATION TESTING MARKET: PORTER'S FIVE FORCES ANALYSIS

FIGURE 21 PORTER'S FIVE FORCES ANALYSIS: PENETRATION TESTING MARKET

5.9.1 THREAT OF NEW ENTRANTS

5.9.2 THREAT OF SUBSTITUTES

5.9.3 BARGAINING POWER OF SUPPLIERS

5.9.4 BARGAINING POWER OF BUYERS

5.9.5 DEGREE OF COMPETITION

5.10 TRENDS AND DISRUPTIONS IMPACTING CUSTOMER BUSINESS

FIGURE 22 PENETRATION TESTING MARKET: TRENDS AND DISRUPTIONS IMPACTING CUSTOMER BUSINESS

5.11 KEY STAKEHOLDERS AND BUYING CRITERIA

5.11.1 KEY STAKEHOLDERS IN BUYING PROCESS

FIGURE 23 INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS

TABLE 7 INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS FOR TOP THREE VERTICALS

5.11.2 BUYING CRITERIA

FIGURE 24 KEY BUYING CRITERIA FOR TOP THREE VERTICALS

TABLE 8 KEY BUYING CRITERIA FOR TOP VERTICALS

5.12 REGULATORY LANDSCAPE

5.12.1 INTRODUCTION

5.12.2 OPEN WEB APPLICATION SECURITY PROJECT

5.12.3 ISO 27001

5.12.4 GENERAL DATA PROTECTION REGULATION

5.12.5 GRAMM-LEACH-BLILEY ACT

5.12.6 SARBANES-OXLEY ACT

5.12.7 SOC 2

5.12.8 SWIFT CSP

5.12.9 REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 9 NORTH AMERICA: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 10 EUROPE: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 11 ASIA PACIFIC: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 12 MIDDLE EAST & AFRICA: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 13 LATIN AMERICA: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

5.13 KEY CONFERENCES AND EVENTS

TABLE 14 PENETRATION TESTING MARKET: CONFERENCES AND EVENTS, 2024

5.14 BUSINESS MODEL ANALYSIS

5.14.1 PROJECT-BASED PENETRATION TESTING

5.14.2 SUBSCRIPTION-BASED PENETRATION TESTING

5.14.3 CROWDSOURCED PENETRATION TESTING

5.14.4 PENETRATION TESTING AS A SERVICE (PTAAS)

5.14.5 HYBRID PENETRATION TESTING MODEL

5.15 INVESTMENT AND FUNDING SCENARIO

FIGURE 25 INVESTMENT AND FUNDING SCENARIO

6 PENETRATION TESTING MARKET, BY TESTING TYPE

6.1 INTRODUCTION

6.2 RED TEAM

6.3 BLUE TEAM

7 PENETRATION TESTING MARKET, BY TESTING METHOD

7.1 INTRODUCTION

7.2 BLIND TESTING

7.3 TARGETED TESTING

7.4 EXTERNAL TESTING

7.5 INTERNAL TESTING

7.6 DOUBLE-BLIND TESTING

8 PENETRATION TESTING MARKET, BY OFFERING

Penetration Testing Market by Offering (Solution, Services), Type (Web Applications, Mobile Applications, Netw...

8.1 INTRODUCTION

8.1.1 DRIVERS: PENETRATION TESTING MARKET, BY OFFERING
FIGURE 26 SERVICES SEGMENT TO ACCOUNT FOR LARGER MARKET SIZE
DURING FORECAST PERIOD

TABLE 15 PENETRATION TESTING MARKET, BY OFFERING, 2019–2023 (USD
MILLION)

TABLE 16 PENETRATION TESTING MARKET, BY OFFERING, 2024–2029 (USD
MILLION)

8.2 SOLUTIONS

8.2.1 RISING NEED TO CHECK FOR NETWORK VULNERABILITIES TO DRIVE
MARKET

8.2.2 SOLUTIONS: PENETRATION TESTING MARKET DRIVERS
TABLE 17 SOLUTIONS: PENETRATION TESTING MARKET, BY REGION, 2019–2023
(USD MILLION)

TABLE 18 SOLUTIONS: PENETRATION TESTING MARKET, BY REGION, 2024–2029
(USD MILLION)

8.3 SERVICES

8.3.1 GROWING DEMAND FOR TAILORED PEN TEST SERVICES TO BOOST
MARKET

8.3.2 SERVICES: PENETRATION TESTING MARKET DRIVERS
TABLE 19 SERVICES: PENETRATION TESTING MARKET, BY REGION, 2019–2023
(USD MILLION)

TABLE 20 SERVICES: PENETRATION TESTING MARKET, BY REGION, 2024–2029
(USD MILLION)

TABLE 21 PENETRATION TESTING MARKET, BY SERVICE, 2019–2023 (USD
MILLION)

TABLE 22 PENETRATION TESTING MARKET, BY SERVICE, 2024–2029 (USD
MILLION)

8.3.3 PROFESSIONAL SERVICES

8.3.4 MANAGED SECURITY SERVICES

9 PENETRATION TESTING MARKET, BY DEPLOYMENT MODE

9.1 INTRODUCTION

FIGURE 27 CLOUD-BASED DEPLOYMENT MODE TO RECORD HIGHER CAGR
DURING FORECAST PERIOD

TABLE 23 PENETRATION TESTING MARKET, BY DEPLOYMENT MODE, 2019–2023
(USD MILLION)

TABLE 24 PENETRATION TESTING MARKET, BY DEPLOYMENT MODE, 2024–2029
(USD MILLION)

9.2 CLOUD

9.2.1 REQUIREMENT FOR SCALABLE AND FLEXIBLE SOLUTIONS TO
ACCELERATE DEMAND

9.2.2 CLOUD: PENETRATION TESTING MARKET DRIVERS

TABLE 25 CLOUD: PENETRATION TESTING MARKET, BY REGION, 2019–2023
(USD MILLION)

TABLE 26 CLOUD: PENETRATION TESTING MARKET, BY REGION, 2024–2029
(USD MILLION)

9.3 ON-PREMISES

9.3.1 RISING NEED TO RETAIN FULL CONTROL OVER SENSITIVE DATA TO
DRIVE MARKET

9.3.2 ON-PREMISES: PENETRATION TESTING MARKET DRIVERS

TABLE 27 ON-PREMISES: PENETRATION TESTING MARKET, BY REGION,
2019–2023 (USD MILLION)

TABLE 28 ON-PREMISES: PENETRATION TESTING MARKET, BY REGION,
2024–2029 (USD MILLION)

10 PENETRATION TESTING MARKET, BY ORGANIZATION SIZE

10.1 INTRODUCTION

FIGURE 28 SMALL AND MEDIUM-SIZED ENTERPRISES SEGMENT TO RECORD
HIGHER CAGR DURING FORECAST PERIOD

TABLE 29 PENETRATION TESTING MARKET, BY ORGANIZATION SIZE, 2019–2023
(USD MILLION)

TABLE 30 PENETRATION TESTING MARKET, BY ORGANIZATION SIZE, 2024–2029
(USD MILLION)

10.2 SMALL AND MEDIUM-SIZED ENTERPRISES

10.2.1 DEMAND FOR COST-EFFECTIVE AND ROBUST CYBERSECURITY
SOLUTIONS TO BOOST MARKET

10.2.2 SMALL AND MEDIUM-SIZED ENTERPRISES: PENETRATION TESTING
MARKET DRIVERS

TABLE 31 SMALL AND MEDIUM-SIZED ENTERPRISES: PENETRATION TESTING
MARKET SIZE, BY REGION, 2019–2023 (USD MILLION)

TABLE 32 SMALL AND MEDIUM-SIZED ENTERPRISES: PENETRATION TESTING
MARKET SIZE, BY REGION, 2024–2029 (USD MILLION)

10.3 LARGE ENTERPRISES

10.3.1 NEED TO SAFEGUARD VAST AND COMPLEX DIGITAL

INFRASTRUCTURES TO DRIVE DEMAND

10.3.2 LARGE ENTERPRISES: PENETRATION TESTING MARKET DRIVERS

TABLE 33 LARGE ENTERPRISES: PENETRATION TESTING MARKET, BY REGION, 2019–2023 (USD MILLION)

TABLE 34 LARGE ENTERPRISES: PENETRATION TESTING MARKET, BY REGION, 2024–2029 (USD MILLION)

11 PENETRATION TESTING MARKET, BY TYPE

11.1 INTRODUCTION

FIGURE 29 WEB APPLICATIONS SEGMENT TO LEAD MARKET DURING FORECAST PERIOD

TABLE 35 PENETRATION TESTING MARKET, BY TYPE, 2019–2023 (USD MILLION)

TABLE 36 PENETRATION TESTING MARKET, BY TYPE, 2024–2029 (USD MILLION)

11.2 WEB APPLICATIONS

11.2.1 RISING DEMAND TO PROTECT USER-RELATED DATA TO DRIVE MARKET

11.2.2 WEB APPLICATIONS: PENETRATION TESTING MARKET DRIVERS

TABLE 37 WEB APPLICATIONS: PENETRATION TESTING MARKET, BY REGION, 2019–2023 (USD MILLION)

TABLE 38 WEB APPLICATIONS: PENETRATION TESTING MARKET, BY REGION, 2024–2029 (USD MILLION)

11.3 MOBILE APPLICATIONS

11.3.1 CONCERNS REGARDING SENSITIVE DATA EXPOSURE TO FUEL DEMAND

11.3.2 MOBILE APPLICATIONS: PENETRATION TESTING MARKET DRIVERS

TABLE 39 MOBILE APPLICATIONS: PENETRATION TESTING MARKET, BY REGION, 2019–2023 (USD MILLION)

TABLE 40 MOBILE APPLICATIONS: PENETRATION TESTING MARKET, BY REGION, 2024–2029 (USD MILLION)

11.4 NETWORK INFRASTRUCTURE

11.4.1 RISING ADOPTION OF WIRELESS SOLUTIONS TO DRIVE MARKET

11.4.2 NETWORK INFRASTRUCTURE: PENETRATION TESTING MARKET DRIVERS

TABLE 41 NETWORK INFRASTRUCTURE: PENETRATION TESTING MARKET, BY REGION, 2019–2023 (USD MILLION)

TABLE 42 NETWORK INFRASTRUCTURE: PENETRATION TESTING MARKET, BY REGION, 2024–2029 (USD MILLION)

11.5 SOCIAL ENGINEERING

11.5.1 GROWING EXPLOITATION OF PEOPLE'S VULNERABILITIES TO PUSH

DEMAND

11.5.2 SOCIAL ENGINEERING: PENETRATION TESTING MARKET DRIVERS

TABLE 43 SOCIAL ENGINEERING: PENETRATION TESTING MARKET, BY REGION, 2019–2023 (USD MILLION)

TABLE 44 SOCIAL ENGINEERING: PENETRATION TESTING MARKET, BY REGION, 2024–2029 (USD MILLION)

11.6 CLOUD

11.6.1 INCREASING MIGRATION TO CLOUD-BASED SERVICES TO DRIVE MARKET

11.6.2 CLOUD: PENETRATION TESTING MARKET DRIVERS

TABLE 45 CLOUD: PENETRATION TESTING MARKET, BY REGION, 2019–2023 (USD MILLION)

TABLE 46 CLOUD: PENETRATION TESTING MARKET, BY REGION, 2024–2029 (USD MILLION)

12 PENETRATION TESTING MARKET, BY VERTICAL

12.1 INTRODUCTION

FIGURE 30 HEALTHCARE VERTICAL TO RECORD HIGHEST GROWTH RATE DURING FORECAST PERIOD

TABLE 47 PENETRATION TESTING MARKET, BY VERTICAL, 2019–2023 (USD MILLION)

TABLE 48 PENETRATION TESTING MARKET, BY VERTICAL, 2024–2029 (USD MILLION)

12.2 BFSI

12.2.1 NEED TO SAFEGUARD FINANCIAL DATA AND TRANSACTIONS TO DRIVE DEMAND

12.2.2 BFSI: PENETRATION TESTING MARKET DRIVERS

TABLE 49 BFSI: PENETRATION TESTING MARKET, BY REGION, 2019–2023 (USD MILLION)

TABLE 50 BFSI: PENETRATION TESTING MARKET, BY REGION, 2024–2029 (USD MILLION)

12.3 HEALTHCARE

12.3.1 INCREASING REQUIREMENT FOR PROTECTION OF SENSITIVE PATIENT DATA TO FUEL MARKET

12.3.2 HEALTHCARE: PENETRATION TESTING MARKET DRIVERS

TABLE 51 HEALTHCARE: PENETRATION TESTING MARKET, BY REGION, 2019–2023 (USD MILLION)

TABLE 52 HEALTHCARE: PENETRATION TESTING MARKET, BY REGION,

2024–2029 (USD MILLION)

12.4 IT & ITES

12.4.1 WIDE ADOPTION OF PEN TESTS TO SECURE DIGITAL
INFRASTRUCTURES TO ACCELERATE MARKET GROWTH

12.4.2 IT & ITES: PENETRATION TESTING MARKET DRIVERS

TABLE 53 IT & ITES: PENETRATION TESTING MARKET, BY REGION, 2019–2023
(USD MILLION)

TABLE 54 IT & ITES: PENETRATION TESTING MARKET, BY REGION, 2024–2029
(USD MILLION)

12.5 TELECOMMUNICATION

12.5.1 RISING DEMAND TO SECURE NETWORKS AND INFRASTRUCTURE TO
PROPEL MARKET

12.5.2 TELECOMMUNICATION: PENETRATION TESTING MARKET

TABLE 55 TELECOMMUNICATION: PENETRATION TESTING MARKET, BY
REGION, 2019–2023 (USD MILLION)

TABLE 56 TELECOMMUNICATION: PENETRATION TESTING MARKET, BY
REGION, 2024–2029 (USD MILLION)

12.6 RETAIL & ECOMMERCE

12.6.1 SURGING ADOPTION OF PEN TESTS TO SECURE CUSTOMER DATA TO
BOOST MARKET

12.6.2 RETAIL & ECOMMERCE: PENETRATION TESTING MARKET DRIVERS

TABLE 57 RETAIL & ECOMMERCE: PENETRATION TESTING MARKET, BY
REGION, 2019–2023 (USD MILLION)

TABLE 58 RETAIL & ECOMMERCE: PENETRATION TESTING MARKET, BY
REGION, 2024–2029 (USD MILLION)

12.7 MANUFACTURING

12.7.1 GROWING ADOPTION OF INTERCONNECTED SYSTEMS AND IOT
DEVICES TO DRIVE DEMAND

12.7.2 MANUFACTURING: PENETRATION TESTING MARKET DRIVERS

TABLE 59 MANUFACTURING: PENETRATION TESTING MARKET, BY REGION,
2019–2023 (USD MILLION)

TABLE 60 MANUFACTURING: PENETRATION TESTING MARKET, BY REGION,
2024–2029 (USD MILLION)

12.8 EDUCATION

12.8.1 INCREASING RELIANCE ON DIGITAL PLATFORMS TO PROPEL MARKET

12.8.2 EDUCATION: PENETRATION TESTING MARKET DRIVERS

TABLE 61 EDUCATION: PENETRATION TESTING MARKET, BY REGION,
2019–2023 (USD MILLION)

TABLE 62 EDUCATION: PENETRATION TESTING MARKET, BY REGION,

2024–2029 (USD MILLION)

12.9 OTHER VERTICALS

12.9.1 STRICT REGULATORY COMPLIANCE REQUIREMENTS TO DRIVE MARKET

13 PENETRATION TESTING MARKET, BY REGION

13.1 INTRODUCTION

TABLE 63 PENETRATION TESTING MARKET, BY REGION, 2019–2023 (USD MILLION)

TABLE 64 PENETRATION TESTING MARKET, BY REGION, 2024–2029 (USD MILLION)

FIGURE 31 ASIA PACIFIC TO RECORD HIGHEST CAGR DURING FORECAST PERIOD

13.2 NORTH AMERICA

13.2.1 NORTH AMERICA: PENETRATION TESTING MARKET DRIVERS

13.2.2 NORTH AMERICA: RECESSION IMPACT

FIGURE 32 NORTH AMERICA: PENETRATION TESTING MARKET SNAPSHOT

TABLE 65 NORTH AMERICA: PENETRATION TESTING MARKET, BY OFFERING, 2019–2023 (USD MILLION)

TABLE 66 NORTH AMERICA: PENETRATION TESTING MARKET, BY OFFERING, 2024–2029 (USD MILLION)

TABLE 67 NORTH AMERICA: PENETRATION TESTING MARKET, BY SERVICE, 2019–2023 (USD MILLION)

TABLE 68 NORTH AMERICA: PENETRATION TESTING MARKET, BY SERVICE, 2024–2029 (USD MILLION)

TABLE 69 NORTH AMERICA: PENETRATION TESTING MARKET, BY DEPLOYMENT MODE, 2019–2023 (USD MILLION)

TABLE 70 NORTH AMERICA: PENETRATION TESTING MARKET, BY DEPLOYMENT MODE, 2024–2029 (USD MILLION)

TABLE 71 NORTH AMERICA: PENETRATION TESTING MARKET, BY ORGANIZATION SIZE, 2019–2023 (USD MILLION)

TABLE 72 NORTH AMERICA: PENETRATION TESTING MARKET, BY ORGANIZATION SIZE, 2024–2029 (USD MILLION)

TABLE 73 NORTH AMERICA: PENETRATION TESTING MARKET, BY TYPE, 2019–2023 (USD MILLION)

TABLE 74 NORTH AMERICA: PENETRATION TESTING MARKET, BY TYPE, 2024–2029 (USD MILLION)

TABLE 75 NORTH AMERICA: PENETRATION TESTING MARKET, BY VERTICAL,

2019–2023 (USD MILLION)

TABLE 76 NORTH AMERICA: PENETRATION TESTING MARKET, BY VERTICAL, 2024–2029 (USD MILLION)

TABLE 77 NORTH AMERICA: PENETRATION TESTING MARKET, BY COUNTRY, 2019–2023 (USD MILLION)

TABLE 78 NORTH AMERICA: PENETRATION TESTING MARKET, BY COUNTRY, 2024–2029 (USD MILLION)

13.2.3 US

13.2.3.1 Growing awareness of cyber threats and regulatory compliances to drive market

TABLE 79 US: PENETRATION TESTING MARKET, BY OFFERING, 2019–2023 (USD MILLION)

TABLE 80 US: PENETRATION TESTING MARKET, BY OFFERING, 2024–2029 (USD MILLION)

TABLE 81 US: PENETRATION TESTING MARKET, BY SERVICE, 2019–2023 (USD MILLION)

TABLE 82 US: PENETRATION TESTING MARKET, BY SERVICE, 2024–2029 (USD MILLION)

TABLE 83 US: PENETRATION TESTING MARKET, BY DEPLOYMENT MODE, 2019–2023 (USD MILLION)

TABLE 84 US: PENETRATION TESTING MARKET, BY DEPLOYMENT MODE, 2024–2029 (USD MILLION)

TABLE 85 US: PENETRATION TESTING MARKET, BY ORGANIZATION SIZE, 2019–2023 (USD MILLION)

TABLE 86 US: PENETRATION TESTING MARKET, BY ORGANIZATION SIZE, 2024–2029 (USD MILLION)

TABLE 87 US: PENETRATION TESTING MARKET, BY TYPE, 2019–2023 (USD MILLION)

TABLE 88 US: PENETRATION TESTING MARKET, BY TYPE, 2024–2029 (USD MILLION)

TABLE 89 US: PENETRATION TESTING MARKET, BY VERTICAL, 2019–2023 (USD MILLION)

TABLE 90 US: PENETRATION TESTING MARKET, BY VERTICAL, 2024–2029 (USD MILLION)

13.2.4 CANADA

13.2.4.1 Wide adoption of cloud-based solutions to drive demand

TABLE 91 CANADA: PENETRATION TESTING MARKET, BY OFFERING, 2019–2023 (USD MILLION)

TABLE 92 CANADA: PENETRATION TESTING MARKET, BY OFFERING, 2024–2029

(USD MILLION)

TABLE 93 CANADA: PENETRATION TESTING MARKET, BY SERVICE, 2019–2023

(USD MILLION)

TABLE 94 CANADA: PENETRATION TESTING MARKET, BY SERVICE, 2024–2029

(USD MILLION)

TABLE 95 CANADA: PENETRATION TESTING MARKET, BY DEPLOYMENT MODE,
2019–2023 (USD MILLION)

TABLE 96 CANADA: PENETRATION TESTING MARKET, BY DEPLOYMENT MODE,
2024–2029 (USD MILLION)

TABLE 97 CANADA: PENETRATION TESTING MARKET, BY ORGANIZATION SIZE,
2019–2023 (USD MILLION)

TABLE 98 CANADA: PENETRATION TESTING MARKET, BY ORGANIZATION SIZE,
2024–2029 (USD MILLION)

TABLE 99 CANADA: PENETRATION TESTING MARKET, BY TYPE, 2019–2023 (USD
MILLION)

TABLE 100 CANADA: PENETRATION TESTING MARKET, BY TYPE, 2024–2029
(USD MILLION)

TABLE 101 CANADA: PENETRATION TESTING MARKET, BY VERTICAL, 2019–2023
(USD MILLION)

TABLE 102 CANADA: PENETRATION TESTING MARKET, BY VERTICAL, 2024–2029
(USD MILLION)

13.3 EUROPE

13.3.1 EUROPE: PENETRATION TESTING MARKET DRIVERS

13.3.2 EUROPE: RECESSION IMPACT

TABLE 103 EUROPE: PENETRATION TESTING MARKET, BY OFFERING,
2019–2023 (USD MILLION)

TABLE 104 EUROPE: PENETRATION TESTING MARKET, BY OFFERING,
2024–2029 (USD MILLION)

TABLE 105 EUROPE: PENETRATION TESTING MARKET, BY SERVICE, 2019–2023
(USD MILLION)

TABLE 106 EUROPE: PENETRATION TESTING MARKET, BY SERVICE, 2024–2029
(USD MILLION)

TABLE 107 EUROPE: PENETRATION TESTING MARKET, BY DEPLOYMENT MODE,
2019–2023 (USD MILLION)

TABLE 108 EUROPE: PENETRATION TESTING MARKET, BY DEPLOYMENT MODE,
2024–2029 (USD MILLION)

TABLE 109 EUROPE: PENETRATION TESTING MARKET, BY ORGANIZATION SIZE,
2019–2023 (USD MILLION)

TABLE 110 EUROPE: PENETRATION TESTING MARKET, BY ORGANIZATION SIZE,

2024–2029 (USD MILLION)

TABLE 111 EUROPE: PENETRATION TESTING MARKET, BY TYPE, 2019–2023
(USD MILLION)

TABLE 112 EUROPE: PENETRATION TESTING MARKET, BY TYPE, 2024–2029
(USD MILLION)

TABLE 113 EUROPE: PENETRATION TESTING MARKET, BY VERTICAL, 2019–2023
(USD MILLION)

TABLE 114 EUROPE: PENETRATION TESTING MARKET, BY VERTICAL, 2024–2029
(USD MILLION)

TABLE 115 EUROPE: PENETRATION TESTING MARKET, BY COUNTRY, 2019–2023
(USD MILLION)

TABLE 116 EUROPE: PENETRATION TESTING MARKET, BY COUNTRY, 2024–2029
(USD MILLION)

13.3.3 UK

13.3.3.1 Strict cybersecurity regulations to drive market

TABLE 117 UK: PENETRATION TESTING MARKET, BY OFFERING, 2019–2023
(USD MILLION)

TABLE 118 UK: PENETRATION TESTING MARKET, BY OFFERING, 2024–2029
(USD MILLION)

TABLE 119 UK: PENETRATION TESTING MARKET, BY SERVICE, 2019–2023 (USD
MILLION)

TABLE 120 UK: PENETRATION TESTING MARKET, BY SERVICE, 2024–2029 (USD
MILLION)

TABLE 121 UK: PENETRATION TESTING MARKET, BY DEPLOYMENT MODE,
2019–2023 (USD MILLION)

TABLE 122 UK: PENETRATION TESTING MARKET, BY DEPLOYMENT MODE,
2024–2029 (USD MILLION)

TABLE 123 UK: PENETRATION TESTING MARKET, BY ORGANIZATION SIZE,
2019–2023 (USD MILLION)

TABLE 124 UK: PENETRATION TESTING MARKET, BY ORGANIZATION SIZE,
2024–2029 (USD MILLION)

TABLE 125 UK: PENETRATION TESTING MARKET, BY TYPE, 2019–2023 (USD
MILLION)

TABLE 126 UK: PENETRATION TESTING MARKET, BY TYPE, 2024–2029 (USD
MILLION)

TABLE 127 UK: PENETRATION TESTING MARKET, BY VERTICAL, 2019–2023 (USD
MILLION)

TABLE 128 UK: PENETRATION TESTING MARKET, BY VERTICAL, 2024–2029 (USD
MILLION)

13.3.4 GERMANY

13.3.4.1 Growing industrial automation to drive market

TABLE 129 GERMANY: PENETRATION TESTING MARKET, BY OFFERING, 2019–2023 (USD MILLION)

TABLE 130 GERMANY: PENETRATION TESTING MARKET, BY OFFERING, 2024–2029 (USD MILLION)

TABLE 131 GERMANY: PENETRATION TESTING MARKET, BY SERVICE, 2019–2023 (USD MILLION)

TABLE 132 GERMANY: PENETRATION TESTING MARKET, BY SERVICE, 2024–2029 (USD MILLION)

TABLE 133 GERMANY: PENETRATION TESTING MARKET, BY DEPLOYMENT MODE, 2019–2023 (USD MILLION)

TABLE 134 GERMANY: PENETRATION TESTING MARKET, BY DEPLOYMENT MODE, 2024–2029 (USD MILLION)

TABLE 135 GERMANY: PENETRATION TESTING MARKET, BY ORGANIZATION SIZE, 2019–2023 (USD MILLION)

TABLE 136 GERMANY: PENETRATION TESTING MARKET, BY ORGANIZATION SIZE, 2024–2029 (USD MILLION)

TABLE 137 GERMANY: PENETRATION TESTING MARKET, BY TYPE, 2019–2023 (USD MILLION)

TABLE 138 GERMANY: PENETRATION TESTING MARKET, BY TYPE, 2024–2029 (USD MILLION)

TABLE 139 GERMANY: PENETRATION TESTING MARKET, BY VERTICAL, 2019–2023 (USD MILLION)

TABLE 140 GERMANY: PENETRATION TESTING MARKET, BY VERTICAL, 2024–2029 (USD MILLION)

13.3.5 FRANCE

13.3.5.1 Rising regulatory scrutiny to boost market

TABLE 141 FRANCE: PENETRATION TESTING MARKET, BY OFFERING, 2019–2023 (USD MILLION)

TABLE 142 FRANCE: PENETRATION TESTING MARKET, BY OFFERING, 2024–2029 (USD MILLION)

TABLE 143 FRANCE: PENETRATION TESTING MARKET, BY SERVICE, 2019–2023 (USD MILLION)

TABLE 144 FRANCE: PENETRATION TESTING MARKET, BY SERVICE, 2024–2029 (USD MILLION)

TABLE 145 FRANCE: PENETRATION TESTING MARKET, BY DEPLOYMENT MODE, 2019–2023 (USD MILLION)

TABLE 146 FRANCE: PENETRATION TESTING MARKET, BY DEPLOYMENT MODE,

2024–2029 (USD MILLION)

TABLE 147 FRANCE: PENETRATION TESTING MARKET, BY ORGANIZATION SIZE, 2019–2023 (USD MILLION)

TABLE 148 FRANCE: PENETRATION TESTING MARKET, BY ORGANIZATION SIZE, 2024–2029 (USD MILLION)

TABLE 149 FRANCE: PENETRATION TESTING MARKET, BY TYPE, 2019–2023 (USD MILLION)

TABLE 150 FRANCE: PENETRATION TESTING MARKET, BY TYPE, 2024–2029 (USD MILLION)

TABLE 151 FRANCE: PENETRATION TESTING MARKET, BY VERTICAL, 2019–2023 (USD MILLION)

TABLE 152 FRANCE: PENETRATION TESTING MARKET, BY VERTICAL, 2024–2029 (USD MILLION)

13.3.6 REST OF EUROPE

13.4 ASIA PACIFIC

13.4.1 ASIA PACIFIC: PENETRATION TESTING MARKET DRIVERS

13.4.2 ASIA PACIFIC: RECESSION IMPACT

FIGURE 33 ASIA PACIFIC: PENETRATION TESTING MARKET SNAPSHOT

TABLE 153 ASIA PACIFIC: PENETRATION TESTING MARKET, BY OFFERING, 2019–2023 (USD MILLION)

TABLE 154 ASIA PACIFIC: PENETRATION TESTING MARKET, BY OFFERING, 2024–2029 (USD MILLION)

TABLE 155 ASIA PACIFIC: PENETRATION TESTING MARKET, BY SERVICE, 2019–2023 (USD MILLION)

TABLE 156 ASIA PACIFIC: PENETRATION TESTING MARKET, BY SERVICE, 2024–2029 (USD MILLION)

TABLE 157 ASIA PACIFIC: PENETRATION TESTING MARKET, BY DEPLOYMENT MODE, 2019–2023 (USD MILLION)

TABLE 158 ASIA PACIFIC: PENETRATION TESTING MARKET, BY DEPLOYMENT MODE, 2024–2029 (USD MILLION)

TABLE 159 ASIA PACIFIC: PENETRATION TESTING MARKET, BY ORGANIZATION SIZE, 2019–2023 (USD MILLION)

TABLE 160 ASIA PACIFIC: PENETRATION TESTING MARKET, BY ORGANIZATION SIZE, 2024–2029 (USD MILLION)

TABLE 161 ASIA PACIFIC: PENETRATION TESTING MARKET, BY TYPE, 2019–2023 (USD MILLION)

TABLE 162 ASIA PACIFIC: PENETRATION TESTING MARKET, BY TYPE, 2024–2029 (USD MILLION)

TABLE 163 ASIA PACIFIC: PENETRATION TESTING MARKET, BY VERTICAL,

2019–2023 (USD MILLION)

TABLE 164 ASIA PACIFIC: PENETRATION TESTING MARKET, BY VERTICAL,
2024–2029 (USD MILLION)

TABLE 165 ASIA PACIFIC: PENETRATION TESTING MARKET, BY COUNTRY,
2019–2023 (USD MILLION)

TABLE 166 ASIA PACIFIC: PENETRATION TESTING MARKET, BY COUNTRY,
2024–2029 (USD MILLION)

13.4.3 CHINA

13.4.3.1 Stringent cybersecurity laws to boost demand

TABLE 167 CHINA: PENETRATION TESTING MARKET, BY OFFERING, 2019–2023
(USD MILLION)

TABLE 168 CHINA: PENETRATION TESTING MARKET, BY OFFERING, 2024–2029
(USD MILLION)

TABLE 169 CHINA: PENETRATION TESTING MARKET, BY SERVICE, 2019–2023
(USD MILLION)

TABLE 170 CHINA: PENETRATION TESTING MARKET, BY SERVICE, 2024–2029
(USD MILLION)

TABLE 171 CHINA: PENETRATION TESTING MARKET, BY DEPLOYMENT MODE,
2019–2023 (USD MILLION)

TABLE 172 CHINA: PENETRATION TESTING MARKET, BY DEPLOYMENT MODE,
2024–2029 (USD MILLION)

TABLE 173 CHINA: PENETRATION TESTING MARKET, BY ORGANIZATION SIZE,
2019–2023 (USD MILLION)

TABLE 174 CHINA: PENETRATION TESTING MARKET, BY ORGANIZATION SIZE,
2024–2029 (USD MILLION)

TABLE 175 CHINA: PENETRATION TESTING MARKET, BY TYPE, 2019–2023 (USD
MILLION)

TABLE 176 CHINA: PENETRATION TESTING MARKET, BY TYPE, 2024–2029 (USD
MILLION)

TABLE 177 CHINA: PENETRATION TESTING MARKET, BY VERTICAL, 2019–2023
(USD MILLION)

TABLE 178 CHINA: PENETRATION TESTING MARKET, BY VERTICAL, 2024–2029
(USD MILLION)

13.4.4 JAPAN

13.4.4.1 Increasing digitalization to drive market

TABLE 179 JAPAN: PENETRATION TESTING MARKET, BY OFFERING, 2019–2023
(USD MILLION)

TABLE 180 JAPAN: PENETRATION TESTING MARKET, BY OFFERING, 2024–2029
(USD MILLION)

TABLE 181 JAPAN: PENETRATION TESTING MARKET, BY SERVICE, 2019–2023 (USD MILLION)

TABLE 182 JAPAN: PENETRATION TESTING MARKET, BY SERVICE, 2024–2029 (USD MILLION)

TABLE 183 JAPAN: PENETRATION TESTING MARKET, BY DEPLOYMENT MODE, 2019–2023 (USD MILLION)

TABLE 184 JAPAN: PENETRATION TESTING MARKET, BY DEPLOYMENT MODE, 2024–2029 (USD MILLION)

TABLE 185 JAPAN: PENETRATION TESTING MARKET, BY ORGANIZATION SIZE, 2019–2023 (USD MILLION)

TABLE 186 JAPAN: PENETRATION TESTING MARKET, BY ORGANIZATION SIZE, 2024–2029 (USD MILLION)

TABLE 187 JAPAN: PENETRATION TESTING MARKET, BY TYPE, 2019–2023 (USD MILLION)

TABLE 188 JAPAN: PENETRATION TESTING MARKET, BY TYPE, 2024–2029 (USD MILLION)

TABLE 189 JAPAN: PENETRATION TESTING MARKET, BY VERTICAL, 2019–2023 (USD MILLION)

TABLE 190 JAPAN: PENETRATION TESTING MARKET, BY VERTICAL, 2024–2029 (USD MILLION)

13.4.5 INDIA

13.4.5.1 Rapidly increasing internet penetration to fuel market

TABLE 191 INDIA: PENETRATION TESTING MARKET, BY OFFERING, 2019–2023 (USD MILLION)

TABLE 192 INDIA: PENETRATION TESTING MARKET, BY OFFERING, 2024–2029 (USD MILLION)

TABLE 193 INDIA: PENETRATION TESTING MARKET, BY SERVICE, 2019–2023 (USD MILLION)

TABLE 194 INDIA: PENETRATION TESTING MARKET, BY SERVICE, 2024–2029 (USD MILLION)

TABLE 195 INDIA: PENETRATION TESTING MARKET, BY DEPLOYMENT MODE, 2019–2023 (USD MILLION)

TABLE 196 INDIA: PENETRATION TESTING MARKET, BY DEPLOYMENT MODE, 2024–2029 (USD MILLION)

TABLE 197 INDIA: PENETRATION TESTING MARKET, BY ORGANIZATION SIZE, 2019–2023 (USD MILLION)

TABLE 198 INDIA: PENETRATION TESTING MARKET, BY ORGANIZATION SIZE, 2024–2029 (USD MILLION)

TABLE 199 INDIA: PENETRATION TESTING MARKET, BY TYPE, 2019–2023 (USD

MILLION)

TABLE 200 INDIA: PENETRATION TESTING MARKET, BY TYPE, 2024–2029 (USD MILLION)

TABLE 201 INDIA: PENETRATION TESTING MARKET, BY VERTICAL, 2019–2023 (USD MILLION)

TABLE 202 INDIA: PENETRATION TESTING MARKET, BY VERTICAL, 2024–2029 (USD MILLION)

13.4.6 REST OF ASIA PACIFIC

13.5 MIDDLE EAST & AFRICA

13.5.1 MIDDLE EAST & AFRICA: PENETRATION TESTING MARKET DRIVERS

13.5.2 MIDDLE EAST & AFRICA: RECESSION IMPACT

TABLE 203 MIDDLE EAST & AFRICA: PENETRATION TESTING MARKET, BY OFFERING, 2019–2023 (USD MILLION)

TABLE 204 MIDDLE EAST & AFRICA: PENETRATION TESTING MARKET, BY OFFERING, 2024–2029 (USD MILLION)

TABLE 205 MIDDLE EAST & AFRICA: PENETRATION TESTING MARKET, BY SERVICE, 2019–2023 (USD MILLION)

TABLE 206 MIDDLE EAST & AFRICA: PENETRATION TESTING MARKET, BY SERVICE, 2024–2029 (USD MILLION)

TABLE 207 MIDDLE EAST & AFRICA: PENETRATION TESTING MARKET, BY DEPLOYMENT MODE, 2019–2023 (USD MILLION)

TABLE 208 MIDDLE EAST & AFRICA: PENETRATION TESTING MARKET, BY DEPLOYMENT MODE, 2024–2029 (USD MILLION)

TABLE 209 MIDDLE EAST & AFRICA: PENETRATION TESTING MARKET, BY ORGANIZATION SIZE, 2019–2023 (USD MILLION)

TABLE 210 MIDDLE EAST & AFRICA: PENETRATION TESTING MARKET, BY ORGANIZATION SIZE, 2024–2029 (USD MILLION)

TABLE 211 MIDDLE EAST & AFRICA: PENETRATION TESTING MARKET, BY TYPE, 2019–2023 (USD MILLION)

TABLE 212 MIDDLE EAST & AFRICA: PENETRATION TESTING MARKET, BY TYPE, 2024–2029 (USD MILLION)

TABLE 213 MIDDLE EAST & AFRICA: PENETRATION TESTING MARKET, BY VERTICAL, 2019–2023 (USD MILLION)

TABLE 214 MIDDLE EAST & AFRICA: PENETRATION TESTING MARKET, BY VERTICAL, 2024–2029 (USD MILLION)

TABLE 215 MIDDLE EAST & AFRICA: PENETRATION TESTING MARKET, BY REGION, 2019–2023 (USD MILLION)

TABLE 216 MIDDLE EAST & AFRICA: PENETRATION TESTING MARKET, BY REGION, 2024–2029 (USD MILLION)

13.5.3 MIDDLE EAST

TABLE 217 MIDDLE EAST: PENETRATION TESTING MARKET, BY OFFERING, 2019–2023 (USD MILLION)

TABLE 218 MIDDLE EAST: PENETRATION TESTING MARKET, BY OFFERING, 2024–2029 (USD MILLION)

TABLE 219 MIDDLE EAST: PENETRATION TESTING MARKET, BY SERVICE, 2019–2023 (USD MILLION)

TABLE 220 MIDDLE EAST: PENETRATION TESTING MARKET, BY SERVICE, 2024–2029 (USD MILLION)

TABLE 221 MIDDLE EAST: PENETRATION TESTING MARKET, BY DEPLOYMENT MODE, 2019–2023 (USD MILLION)

TABLE 222 MIDDLE EAST: PENETRATION TESTING MARKET, BY DEPLOYMENT MODE, 2024–2029 (USD MILLION)

TABLE 223 MIDDLE EAST: PENETRATION TESTING MARKET, BY ORGANIZATION SIZE, 2019–2023 (USD MILLION)

TABLE 224 MIDDLE EAST: PENETRATION TESTING MARKET, BY ORGANIZATION SIZE, 2024–2029 (USD MILLION)

TABLE 225 MIDDLE EAST: PENETRATION TESTING MARKET, BY TYPE, 2019–2023 (USD MILLION)

TABLE 226 MIDDLE EAST: PENETRATION TESTING MARKET, BY TYPE, 2024–2029 (USD MILLION)

TABLE 227 MIDDLE EAST: PENETRATION TESTING MARKET, BY VERTICAL, 2019–2023 (USD MILLION)

TABLE 228 MIDDLE EAST: PENETRATION TESTING MARKET, BY VERTICAL, 2024–2029 (USD MILLION)

13.5.3.1 KSA

13.5.3.1.1 Growing awareness of need for cybersecurity to drive market

13.5.3.2 UAE

13.5.3.2.1 Smart city projects to accelerate demand

13.5.4 AFRICA

TABLE 229 AFRICA: PENETRATION TESTING MARKET, BY OFFERING, 2019–2023 (USD MILLION)

TABLE 230 AFRICA: PENETRATION TESTING MARKET, BY OFFERING, 2024–2029 (USD MILLION)

TABLE 231 AFRICA: PENETRATION TESTING MARKET, BY SERVICE, 2019–2023 (USD MILLION)

TABLE 232 AFRICA: PENETRATION TESTING MARKET, BY SERVICE, 2024–2029 (USD MILLION)

TABLE 233 AFRICA: PENETRATION TESTING MARKET, BY DEPLOYMENT MODE,

2019–2023 (USD MILLION)

TABLE 234 AFRICA: PENETRATION TESTING MARKET, BY DEPLOYMENT MODE,
2024–2029 (USD MILLION)

TABLE 235 AFRICA: PENETRATION TESTING MARKET, BY ORGANIZATION SIZE,
2019–2023 (USD MILLION)

TABLE 236 AFRICA: PENETRATION TESTING MARKET, BY ORGANIZATION SIZE,
2024–2029 (USD MILLION)

TABLE 237 AFRICA: PENETRATION TESTING MARKET, BY TYPE, 2019–2023 (USD
MILLION)

TABLE 238 AFRICA: PENETRATION TESTING MARKET, BY TYPE, 2024–2029 (USD
MILLION)

TABLE 239 AFRICA: PENETRATION TESTING MARKET, BY VERTICAL, 2019–2023
(USD MILLION)

TABLE 240 AFRICA: PENETRATION TESTING MARKET, BY VERTICAL, 2024–2029
(USD MILLION)

13.6 LATIN AMERICA

13.6.1 LATIN AMERICA: PENETRATION TESTING MARKET DRIVERS

13.6.2 LATIN AMERICA: RECESSION IMPACT

TABLE 241 LATIN AMERICA: PENETRATION TESTING MARKET, BY OFFERING,
2019–2023 (USD MILLION)

TABLE 242 LATIN AMERICA: PENETRATION TESTING MARKET, BY OFFERING,
2024–2029 (USD MILLION)

TABLE 243 LATIN AMERICA: PENETRATION TESTING MARKET, BY SERVICE,
2019–2023 (USD MILLION)

TABLE 244 LATIN AMERICA: PENETRATION TESTING MARKET, BY SERVICE,
2024–2029 (USD MILLION)

TABLE 245 LATIN AMERICA: PENETRATION TESTING MARKET, BY DEPLOYMENT
MODE, 2019–2023 (USD MILLION)

TABLE 246 LATIN AMERICA: PENETRATION TESTING MARKET, BY DEPLOYMENT
MODE, 2024–2029 (USD MILLION)

TABLE 247 LATIN AMERICA: PENETRATION TESTING MARKET, BY
ORGANIZATION SIZE, 2019–2023 (USD MILLION)

TABLE 248 LATIN AMERICA: PENETRATION TESTING MARKET, BY
ORGANIZATION SIZE, 2024–2029 (USD MILLION)

TABLE 249 LATIN AMERICA: PENETRATION TESTING MARKET, BY TYPE,
2019–2023 (USD MILLION)

TABLE 250 LATIN AMERICA: PENETRATION TESTING MARKET, BY TYPE,
2024–2029 (USD MILLION)

TABLE 251 LATIN AMERICA: PENETRATION TESTING MARKET, BY VERTICAL,

2019–2023 (USD MILLION)

TABLE 252 LATIN AMERICA: PENETRATION TESTING MARKET, BY VERTICAL,
2024–2029 (USD MILLION)

TABLE 253 LATIN AMERICA: PENETRATION TESTING MARKET, BY COUNTRY,
2019–2023 (USD MILLION)

TABLE 254 LATIN AMERICA: PENETRATION TESTING MARKET, BY COUNTRY,
2024–2029 (USD MILLION)

13.6.3 BRAZIL

13.6.3.1 Strict data protection laws to boost demand

TABLE 255 BRAZIL: PENETRATION TESTING MARKET, BY OFFERING, 2019–2023
(USD MILLION)

TABLE 256 BRAZIL: PENETRATION TESTING MARKET, BY OFFERING, 2024–2029
(USD MILLION)

TABLE 257 BRAZIL: PENETRATION TESTING MARKET, BY SERVICE, 2019–2023
(USD MILLION)

TABLE 258 BRAZIL: PENETRATION TESTING MARKET, BY SERVICE, 2024–2029
(USD MILLION)

TABLE 259 BRAZIL: PENETRATION TESTING MARKET, BY DEPLOYMENT MODE,
2019–2023 (USD MILLION)

TABLE 260 BRAZIL: PENETRATION TESTING MARKET, BY DEPLOYMENT MODE,
2024–2029 (USD MILLION)

TABLE 261 BRAZIL: PENETRATION TESTING MARKET, BY ORGANIZATION SIZE,
2019–2023 (USD MILLION)

TABLE 262 BRAZIL: PENETRATION TESTING MARKET, BY ORGANIZATION SIZE,
2024–2029 (USD MILLION)

TABLE 263 BRAZIL: PENETRATION TESTING MARKET, BY TYPE, 2019–2023 (USD
MILLION)

TABLE 264 BRAZIL: PENETRATION TESTING MARKET, BY TYPE, 2024–2029 (USD
MILLION)

TABLE 265 BRAZIL: PENETRATION TESTING MARKET, BY VERTICAL, 2019–2023
(USD MILLION)

TABLE 266 BRAZIL: PENETRATION TESTING MARKET, BY VERTICAL, 2024–2029
(USD MILLION)

13.6.4 MEXICO

13.6.4.1 Trade agreements with US and Canada to fuel market

TABLE 267 MEXICO: PENETRATION TESTING MARKET, BY OFFERING, 2019–2023
(USD MILLION)

TABLE 268 MEXICO: PENETRATION TESTING MARKET, BY OFFERING, 2024–2029
(USD MILLION)

TABLE 269 MEXICO: PENETRATION TESTING MARKET, BY SERVICE, 2019–2023
(USD MILLION)

TABLE 270 MEXICO: PENETRATION TESTING MARKET, BY SERVICE, 2024–2029
(USD MILLION)

TABLE 271 MEXICO: PENETRATION TESTING MARKET, BY DEPLOYMENT MODE,
2019–2023 (USD MILLION)

TABLE 272 MEXICO: PENETRATION TESTING MARKET, BY DEPLOYMENT MODE,
2024–2029 (USD MILLION)

TABLE 273 MEXICO: PENETRATION TESTING MARKET, BY ORGANIZATION SIZE,
2019–2023 (USD MILLION)

TABLE 274 MEXICO: PENETRATION TESTING MARKET, BY ORGANIZATION SIZE,
2024–2029 (USD MILLION)

TABLE 275 MEXICO: PENETRATION TESTING MARKET, BY TYPE, 2019–2023
(USD MILLION)

TABLE 276 MEXICO: PENETRATION TESTING MARKET, BY TYPE, 2024–2029
(USD MILLION)

TABLE 277 MEXICO: PENETRATION TESTING MARKET, BY VERTICAL, 2019–2023
(USD MILLION)

TABLE 278 MEXICO: PENETRATION TESTING MARKET, BY VERTICAL, 2024–2029
(USD MILLION)

13.6.5 REST OF LATIN AMERICA

14 COMPETITIVE LANDSCAPE

14.1 OVERVIEW

14.2 STRATEGIES ADOPTED BY KEY PLAYERS/RIGHT TO WIN

TABLE 279 OVERVIEW OF STRATEGIES ADOPTED BY KEY PENETRATION
TESTING VENDORS

14.3 REVENUE ANALYSIS

FIGURE 34 REVENUE ANALYSIS OF KEY PENETRATION TESTING VENDORS,
2019–2023 (USD MILLION)

14.4 VALUATION AND FINANCIAL METRICS OF KEY VENDORS

FIGURE 35 VALUATION AND FINANCIAL METRICS OF KEY PENETRATION
TESTING VENDORS, 2023

14.5 MARKET SHARE ANALYSIS

FIGURE 36 PENETRATION TESTING MARKET SHARE, 2023

TABLE 280 DEGREE OF COMPETITION

14.6 BRAND COMPARISON

FIGURE 37 BRAND COMPARISON/VENDOR PRODUCT LANDSCAPE

14.7 COMPANY EVALUATION MATRIX: KEY PLAYERS

14.7.1 STARS

14.7.2 EMERGING LEADERS

14.7.3 PERVASIVE PLAYERS

14.7.4 PARTICIPANTS

FIGURE 38 PENETRATION TESTING MARKET, COMPANY EVALUATION MATRIX FOR KEY PLAYERS, 2024

14.7.5 COMPANY FOOTPRINT

TABLE 281 PENETRATION TESTING MARKET: OFFERING FOOTPRINT

TABLE 282 PENETRATION TESTING MARKET: DEPLOYMENT MODE FOOTPRINT

TABLE 283 PENETRATION TESTING MARKET: VERTICAL FOOTPRINT

TABLE 284 PENETRATION TESTING MARKET: REGION FOOTPRINT

FIGURE 39 PENETRATION TESTING MARKET: OVERALL COMPANY FOOTPRINT

14.8 COMPANY EVALUATION MATRIX: STARTUPS/SMES

14.8.1 PROGRESSIVE COMPANIES

14.8.2 RESPONSIVE COMPANIES

14.8.3 DYNAMIC COMPANIES

14.8.4 STARTING BLOCKS

FIGURE 40 PENETRATION TESTING MARKET, COMPANY EVALUATION MATRIX FOR STARTUPS/SMES, 2024

14.8.5 COMPETITIVE BENCHMARKING FOR STARTUPS/SMES

14.8.5.1 KEY STARTUPS/SMES

TABLE 285 PENETRATION TESTING MARKET: KEY STARTUPS/SMES

14.8.5.2 COMPETITIVE BENCHMARKING OF KEY STARTUPS/SMES

TABLE 286 PENETRATION TESTING MARKET: COMPETITIVE BENCHMARKING OF KEY STARTUPS/SMES

14.9 COMPETITIVE SCENARIO

14.9.1 PRODUCT LAUNCHES

TABLE 287 PENETRATION TESTING MARKET: PRODUCT LAUNCHES, 2019–2024

14.9.2 DEALS

TABLE 288 PENETRATION TESTING MARKET: DEALS, 2019–2024

15 COMPANY PROFILES

15.1 KEY PLAYERS

(Business Overview, Products/Solutions/Services offered, Recent Developments, MnM View)*

15.1.1 RAPID7

TABLE 289 RAPID7: COMPANY OVERVIEW

FIGURE 41 RAPID7: COMPANY SNAPSHOT

TABLE 290 RAPID7: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 291 RAPID7: PRODUCT LAUNCHES

TABLE 292 RAPID7: DEALS

15.1.2 SECUREWORKS

TABLE 293 SECUREWORKS: COMPANY OVERVIEW

FIGURE 42 SECUREWORKS: COMPANY SNAPSHOT

TABLE 294 SECUREWORKS: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 295 SECUREWORKS: PRODUCT LAUNCHES

TABLE 296 SECUREWORKS: DEALS

15.1.3 SYNOPSYS

TABLE 297 SYNOPSYS: COMPANY OVERVIEW

FIGURE 43 SYNOPSYS: COMPANY SNAPSHOT

TABLE 298 SYNOPSYS: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 299 SYNOPSYS: PRODUCT LAUNCHES

TABLE 300 SYNOPSYS: DEALS

15.1.4 CISCO SYSTEMS

TABLE 301 CISCO SYSTEMS: COMPANY OVERVIEW

FIGURE 44 CISCO SYSTEMS: COMPANY SNAPSHOT

TABLE 302 CISCO SYSTEMS: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 303 CISCO SYSTEMS: PRODUCT LAUNCHES

TABLE 304 CISCO SYSTEMS: DEALS

15.1.5 IBM

TABLE 305 IBM: COMPANY OVERVIEW

FIGURE 45 IBM: COMPANY SNAPSHOT

TABLE 306 IBM: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 307 IBM: PRODUCT LAUNCHES

TABLE 308 IBM: DEALS

15.1.6 CROWDSTRIKE

TABLE 309 CROWDSTRIKE: COMPANY OVERVIEW

FIGURE 46 CROWDSTRIKE: COMPANY SNAPSHOT

TABLE 310 CROWDSTRIKE: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 311 CROWDSTRIKE: PRODUCT LAUNCHES

TABLE 312 CROWDSTRIKE: DEALS

15.1.7 COALFIRE

TABLE 313 COALFIRE: COMPANY OVERVIEW

TABLE 314 COALFIRE: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 315 COALFIRE: PRODUCT LAUNCHES

TABLE 316 COALFIRE: DEALS

15.1.8 INDIUM SOFTWARE

TABLE 317 INDIUM SOFTWARE: COMPANY OVERVIEW

TABLE 318 INDIUM SOFTWARE: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 319 INDIUM SOFTWARE: DEALS

15.1.9 CIGNITI TECHNOLOGIES

TABLE 320 CIGNITI TECHNOLOGIES: COMPANY OVERVIEW

FIGURE 47 CIGNITI TECHNOLOGIES: COMPANY SNAPSHOT

TABLE 321 CIGNITI TECHNOLOGIES: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 322 CIGNITI TECHNOLOGIES: PRODUCT LAUNCHES

TABLE 323 CIGNITI TECHNOLOGIES: DEALS

15.1.10 TRUSTWAVE

TABLE 324 TRUSTWAVE: COMPANY OVERVIEW

TABLE 325 TRUSTWAVE: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 326 TRUSTWAVE: PRODUCT LAUNCHES

TABLE 327 TRUSTWAVE: DEALS

15.1.11 FORTINET

TABLE 328 FORTINET: COMPANY OVERVIEW

FIGURE 48 FORTINET: COMPANY SNAPSHOT

TABLE 329 FORTINET: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 330 FORTINET: PRODUCT LAUNCHES

TABLE 331 FORTINET SOFTWARE: DEALS

15.1.12 BUGCROWD

TABLE 332 BUGCROWD: COMPANY OVERVIEW

TABLE 333 BUGCROWD: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 334 BUGCROWD: PRODUCT LAUNCHES

TABLE 335 BUGCROWD: DEALS

15.1.13 INVICTI

TABLE 336 INVICTI: COMPANY OVERVIEW

TABLE 337 INVICTI: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 338 INVICTI: PRODUCT LAUNCHES

TABLE 339 INVICTI: DEALS

15.1.14 HACKERONE

15.1.15 RAXIS

15.1.16 RSI SECURITY

15.1.17 RHINO SECURITY LABS

15.1.18 SCIENCESOFT

15.1.19 PORTSWIGGER

15.1.20 NETRAGARD

- 15.1.21 SOFTWARE SECURED
- 15.1.22 VUMETRIC CYBERSECURITY
- 15.1.23 NETTITUDE
- 15.1.24 ZIMPERIUM
- 15.1.25 NOWSECURE
- 15.1.26 SECURITYMETRICS
- 15.1.27 NETSPI

*Details on Business Overview, Products/Solutions/Services offered, Recent Developments, MnM View might not be captured in case of unlisted companies.

15.2 STARTUPS/SMES

- 15.2.1 COVERTSWARM
- 15.2.2 HOLM SECURITY
- 15.2.3 INTRUDER SYSTEMS
- 15.2.4 BREACHLOCK
- 15.2.5 ISECURION
- 15.2.6 REDBOT SECURITY

16 ADJACENT MARKETS

16.1 INTRODUCTION TO ADJACENT MARKETS

TABLE 340 ADJACENT MARKETS AND FORECASTS

16.2 LIMITATIONS

16.3 APPLICATION SECURITY MARKET

TABLE 341 APPLICATION SECURITY MARKET, BY TYPE, 2014–2019 (USD MILLION)

TABLE 342 APPLICATION SECURITY MARKET, BY TYPE, 2020–2025 (USD MILLION)

TABLE 343 APPLICATION SECURITY MARKET, BY COMPONENT, 2014–2019 (USD MILLION)

TABLE 344 APPLICATION SECURITY MARKET, BY COMPONENT, 2020–2025 (USD MILLION)

TABLE 345 APPLICATION SECURITY MARKET, BY DEPLOYMENT MODE, 2014–2019 (USD MILLION)

TABLE 346 APPLICATION SECURITY MARKET, BY DEPLOYMENT MODE, 2020–2025 (USD MILLION)

TABLE 347 APPLICATION SECURITY MARKET, BY ORGANIZATION SIZE, 2014–2019 (USD MILLION)

TABLE 348 APPLICATION SECURITY MARKET, BY ORGANIZATION SIZE, 2020–2025 (USD MILLION)

TABLE 349 APPLICATION SECURITY MARKET, BY VERTICAL, 2014–2019 (USD MILLION)

TABLE 350 APPLICATION SECURITY MARKET, BY VERTICAL, 2020–2025 (USD MILLION)

TABLE 351 APPLICATION SECURITY MARKET, BY REGION, 2014–2019 (USD MILLION)

TABLE 352 APPLICATION SECURITY MARKET, BY REGION, 2020–2025 (USD MILLION)

16.4 AUTOMATED BREACH AND ATTACK SIMULATION MARKET

TABLE 353 AUTOMATED BREACH AND ATTACK SIMULATION MARKET, BY OFFERING, 2017–2019 (USD THOUSAND)

TABLE 354 AUTOMATED BREACH AND ATTACK SIMULATION MARKET, BY OFFERING, 2020–2025 (USD THOUSAND)

TABLE 355 AUTOMATED BREACH AND ATTACK SIMULATION MARKET, BY SERVICE, 2017–2019 (USD THOUSAND)

TABLE 356 AUTOMATED BREACH AND ATTACK SIMULATION MARKET, BY SERVICE, 2020–2025 (USD THOUSAND)

TABLE 357 AUTOMATED BREACH AND ATTACK SIMULATION MARKET, BY DEPLOYMENT MODE, 2017–2019 (USD THOUSAND)

TABLE 358 AUTOMATED BREACH AND ATTACK SIMULATION MARKET, BY DEPLOYMENT MODE, 2020–2025 (USD THOUSAND)

TABLE 359 AUTOMATED BREACH AND ATTACK SIMULATION MARKET, BY APPLICATION, 2017–2019 (USD THOUSAND)

TABLE 360 AUTOMATED BREACH AND ATTACK SIMULATION MARKET, BY APPLICATION, 2020–2025 (USD THOUSAND)

TABLE 361 AUTOMATED BREACH AND ATTACK SIMULATION MARKET, BY END USER, 2017–2019 (USD THOUSAND)

TABLE 362 AUTOMATED BREACH AND ATTACK SIMULATION MARKET, BY END USER, 2020–2025 (USD THOUSAND)

TABLE 363 AUTOMATED BREACH AND ATTACK SIMULATION MARKET, BY REGION, 2017–2019 (USD THOUSAND)

TABLE 364 AUTOMATED BREACH AND ATTACK SIMULATION MARKET, BY REGION, 2020–2025 (USD THOUSAND)

16.5 SECURITY TESTING MARKET

TABLE 365 SECURITY TESTING MARKET, BY TESTING TYPE, 2014–2019 (USD MILLION)

TABLE 366 SECURITY TESTING MARKET, BY TESTING TYPE, 2020–2025 (USD MILLION)

TABLE 367 SECURITY TESTING MARKET, BY DEPLOYMENT MODE, 2014–2019

(USD MILLION)

TABLE 368 SECURITY TESTING MARKET, BY DEPLOYMENT MODE, 2020–2025

(USD MILLION)

TABLE 369 SECURITY TESTING MARKET, BY ORGANIZATION SIZE, 2014–2019

(USD MILLION)

TABLE 370 SECURITY TESTING MARKET, BY ORGANIZATION SIZE, 2020–2025

(USD MILLION)

TABLE 371 SECURITY TESTING MARKET, BY VERTICAL, 2014–2019 (USD
MILLION)

TABLE 372 SECURITY TESTING MARKET, BY VERTICAL, 2020–2025 (USD
MILLION)

TABLE 373 SECURITY TESTING MARKET, BY REGION, 2014–2019 (USD MILLION)

TABLE 374 SECURITY TESTING MARKET, BY REGION, 2020–2025 (USD MILLION)

17 APPENDIX

17.1 DISCUSSION GUIDE

17.2 KNOWLEDGESTORE: MARKETSANDMARKETS' SUBSCRIPTION PORTAL

17.3 CUSTOMIZATION OPTIONS

17.4 RELATED REPORTS

17.5 AUTHOR DETAILS

I would like to order

Product name: Penetration Testing Market by Offering (Solution, Services), Type (Web Applications, Mobile Applications, Network Infrastructure, Social Engineering, Cloud), Organization Size, Deployment Mode, Vertical and Region - Global Forecast to 2029

Product link: <https://marketpublishers.com/r/PC9319F2A64EN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/PC9319F2A64EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:

Last name:

Email:

Company:

Address:

City:

Zip code:

Country:

Tel:

Fax:

Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970