

Thin client Market by Form Factor (Standalone, With Monitor, Mobile), Application (ITS, Education, Healthcare, Government, BFSI, Industrial, Retail, and Transportation) and Region (North America, Europe, APAC, RoW) - Global Forecast to 2028

Market Report | 2023-01-24 | 215 pages | MarketsandMarkets

AVAILABLE LICENSES:

- Single User \$4950.00
- Multi User \$6650.00
- Corporate License \$8150.00
- Enterprise Site License \$10000.00

Report description:

The thin client market is projected to reach USD 1.7 billion by 2028, growing at a CAGR of 3.1% from 2023 to 2028. This report covers key applications, namely, ITS, Education, BFSI, Industrial, Government, Healthcare, Retail, and Transportation.

"The mobile segment is projected to grow at a high CAGR in the market during the forecast period."

Low lifecycle and operational costs to fuel demand for thin mobile clients. A thin mobile client is a laptop-like device that helps users to access a virtual desktop wherever they are located as long as they have an Internet or network connection. Mobile thin clients are flexible enough to deliver a secure user experience whether users are working from a corporate office or on the go. They exhibit low lifecycle and operational costs because they are energy-efficient and not overloaded with unnecessary features or functions.

"Asia Pacific to grow at the highest rate in the thin client market."

China is estimated to hold the largest share in the thin client market, followed by Japan in the Asia Pacific. IoT has penetrated various verticals in the Asia Pacific, such as defense, automotive, aviation, manufacturing, healthcare, and food & beverage. IoT and 5G are among the major drivers for the growth of the thin client market. IoT and 5G integration in different sectors will help enterprises worldwide deploy, manage, and scale their businesses from a unified platform and remote locations. Since thin client solutions work on enterprise servers, the industries will move towards virtual infrastructure.

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

The key players operating in the thin client market include HP (US), Dell Technologies (US), Centerm (China), IGEL (Germany), and Fujitsu (Japan), NComputing (US), Samsung (South Korea), LG Electronics (South Korea), Advantech Co., Ltd. (Taiwan), Lenovo (Hong Kong), Acer (Taiwan), Intel (US), 10ZiG (US), Siemens (Germany), Chip PC (Israel), Clearcube Technology (UK), VXL Technology (UK), Stratodesk Corp (US), OnLogic (US), Clientron Corp. (Taiwan), Arista Corporation (US), Thinvent (India), Seal Technologies (India), Atrust (Taiwan) and Praim (Italy). The thin client market has been segmented into form factor, application, and region.

Research Coverage:

This research report categorizes the thin client market on the basis of form factor, applications, and region. The report describes the major drivers, restraints, challenges, and opportunities pertaining to the thin client market and forecasts the same till 2028. Apart from these, the report also consists of leadership mapping and analysis of all the companies included in the thin client ecosystem.

Key Benefits of Buying the Report

The report would help leaders/new entrants in this market in the following ways:

1. This report segments the thin client market comprehensively and provides the closest market size projection for all subsegments across different regions.
2. The report helps stakeholders understand the pulse of the market and provides them with information on key drivers, restraints, challenges, and opportunities for market growth.
3. This report would help stakeholders understand their competitors better and gain more insights to improve their position in the business. The competitive landscape section includes competitor ecosystem, product developments and launches, partnerships, and mergers and acquisitions.
4. The analysis of the top 25 companies, based on the market rank as well as the product footprint will help stakeholders visualize the market positioning of these key players.
5. Patent analysis, trade data, and technological trends that will shape the market in the coming years has also been covered in this report.

Table of Contents:

| | | |
|----------|-------------------------------------|----|
| 1 | INTRODUCTION | 28 |
| 1.1 | STUDY OBJECTIVES | 28 |
| 1.2 | MARKET DEFINITION | 28 |
| 1.3 | INCLUSIONS AND EXCLUSIONS | 28 |
| 1.4 | STUDY SCOPE | 29 |
| 1.4.1 | MARKETS COVERED | 29 |
| FIGURE 1 | THIN CLIENT MARKET SEGMENTATION | 29 |
| FIGURE 2 | REGIONAL SCOPE | 29 |
| 1.4.2 | YEARS CONSIDERED | 30 |
| 1.5 | CURRENCY CONSIDERED | 30 |
| 1.6 | LIMITATIONS | 30 |
| 1.7 | STAKEHOLDERS | 30 |
| 1.8 | SUMMARY OF CHANGES | 31 |
| 2 | RESEARCH METHODOLOGY | 32 |
| 2.1 | RESEARCH DATA | 32 |
| FIGURE 3 | THIN CLIENT MARKET: RESEARCH DESIGN | 32 |
| 2.1.1 | SECONDARY AND PRIMARY RESEARCH | 33 |

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

| | | |
|-----------|--|----|
| FIGURE 4 | RESEARCH APPROACH | 33 |
| 2.1.2 | SECONDARY DATA | 33 |
| 2.1.2.1 | List of major secondary sources | 34 |
| 2.1.2.2 | Key data from secondary sources | 34 |
| 2.1.3 | PRIMARY DATA | 34 |
| 2.1.3.1 | Breakdown of primaries | 35 |
| 2.1.3.2 | Key data from secondary sources | 35 |
| 2.1.3.3 | Primary interviews | 36 |
| 2.1.3.4 | Key industry insights | 36 |
| 2.2 | MARKET SIZE ESTIMATION | 36 |
| 2.2.1 | BOTTOM-UP APPROACH | 37 |
| 2.2.1.1 | Approach to derive market size using bottom-up analysis (demand side) | 37 |
| FIGURE 5 | MARKET SIZE ESTIMATION METHODOLOGY: BOTTOM-UP APPROACH | 37 |
| 2.2.2 | TOP-DOWN APPROACH | 38 |
| 2.2.2.1 | Approach to derive market size using top-down analysis (supply side) | 38 |
| FIGURE 6 | MARKET SIZE ESTIMATION METHODOLOGY: TOP-DOWN APPROACH | 38 |
| FIGURE 7 | MARKET SIZE ESTIMATION: RESEARCH METHODOLOGY | 39 |
| 2.3 | MARKET BREAKDOWN AND DATA TRIANGULATION | 39 |
| FIGURE 8 | DATA TRIANGULATION | 40 |
| 2.4 | RESEARCH ASSUMPTIONS | 41 |
| FIGURE 9 | ASSUMPTIONS | 41 |
| 2.5 | IMPACT OF RECESSION | 42 |
| 2.6 | RISK ASSESSMENT | 42 |
| 3 | EXECUTIVE SUMMARY | 43 |
| 3.1 | GROWTH RATE ASSUMPTIONS/GROWTH FORECASTS | 43 |
| 3.2 | RECESSION ANALYSIS | 44 |
| FIGURE 10 | GDP GROWTH PROJECTIONS TILL 2023 FOR MAJOR ECONOMIES | 45 |
| FIGURE 11 | PROJECTIONS FOR THIN CLIENT MARKET, 2019-2028 | 45 |
| FIGURE 12 | PROJECTED YEARLY GROWTH TREND OF THIN CLIENT MARKET | 46 |
| TABLE 1 | THIN CLIENT MARKET, 2019-2022 (USD MILLION) | 46 |
| TABLE 2 | THIN CLIENT MARKET, 2023-2028 (USD MILLION) | 46 |
| FIGURE 13 | THIN CLIENT MARKET, 2019-2028 (MILLION UNITS) | 47 |
| FIGURE 14 | EDUCATION SEGMENT HELD LARGEST SHARE OF THIN CLIENT MARKET, BY APPLICATION, IN 2022 | 47 |
| FIGURE 15 | STANDALONE SEGMENT TO HOLD LARGEST SHARE OF THIN CLIENT MARKET, BY FORM FACTOR, DURING FORECAST PERIOD | 48 |
| FIGURE 16 | ASIA PACIFIC ACCOUNTED FOR LARGEST SHARE OF THIN CLIENT MARKET IN 2022 | 48 |
| 4 | PREMIUM INSIGHTS | 49 |
| 4.1 | ATTRACTIVE OPPORTUNITIES FOR PLAYERS IN THIN CLIENT MARKET | 49 |
| FIGURE 17 | GROWING ADOPTION OF THIN CLIENTS TO REMOTELY ACCESS CENTRALIZED DATA | 49 |
| 4.2 | THIN CLIENT MARKET, BY FORM FACTOR | 49 |
| FIGURE 18 | STANDALONE SEGMENT TO ACCOUNT FOR LARGEST MARKET SHARE IN 2023 | 49 |
| 4.3 | THIN CLIENT MARKET, BY APPLICATION | 50 |
| FIGURE 19 | EDUCATION SEGMENT TO HOLD LARGEST MARKET SHARE DURING FORECAST PERIOD | 50 |
| 4.4 | THIN CLIENT MARKET, BY REGION | 50 |
| FIGURE 20 | ASIA PACIFIC TO WITNESS SIGNIFICANT GROWTH DURING FORECAST PERIOD | 50 |
| 4.5 | ASIA PACIFIC THIN CLIENT MARKET, BY APPLICATION AND COUNTRY | 51 |
| FIGURE 21 | EDUCATION SEGMENT AND CHINA HELD LARGEST SHARES OF ASIA PACIFIC THIN CLIENT MARKET IN 2022 | 51 |

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

| | | |
|-----------|---|----|
| 4.6 | THIN CLIENT MARKET, BY COUNTRY | 51 |
| FIGURE 22 | CHINA TO REGISTER HIGHEST CAGR IN THIN CLIENT MARKET DURING FORECAST PERIOD | 51 |
| 5 | MARKET OVERVIEW | 52 |
| 5.1 | INTRODUCTION | 52 |
| 5.2 | MARKET DYNAMICS | 52 |
| FIGURE 23 | THIN CLIENT MARKET: DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES | 52 |
| FIGURE 24 | THIN CLIENT MARKET: IMPACT OF DRIVERS | 53 |
| 5.2.1 | DRIVERS | 53 |
| 5.2.1.1 | Rising adoption of cloud-based services | 53 |
| 5.2.1.2 | Cost-effectiveness associated with deployment of thin clients | 54 |
| 5.2.1.3 | Growing need for digitalization in education sector | 54 |
| 5.2.1.4 | Shift from traditional to smart manufacturing in industrial sector | 54 |
| FIGURE 25 | GLOBAL SMART MANUFACTURING MARKET (USD BILLION) | 55 |
| 5.2.1.5 | Advancements in healthcare infrastructure | 55 |
| 5.2.2 | RESTRAINTS | 56 |
| FIGURE 26 | THIN CLIENT MARKET: IMPACT OF RESTRAINTS | 56 |
| 5.2.2.1 | System compatibility issues and dependency on centralized network | 56 |
| 5.2.3 | OPPORTUNITIES | 56 |
| FIGURE 27 | THIN CLIENT MARKET: IMPACT OF OPPORTUNITIES | 56 |
| 5.2.3.1 | Rising investments in data centers by leading corporations | 57 |
| 5.2.3.2 | Growing digitization of financial sector | 57 |
| 5.2.4 | CHALLENGES | 57 |
| FIGURE 28 | THIN CLIENT MARKET: IMPACT OF CHALLENGES | 57 |
| 5.2.4.1 | Lack of skilled personnel for implementing virtualization systems | 58 |
| 5.2.4.2 | Creation of network traffic while managing enormous number of devices and data | 58 |
| 5.3 | VALUE CHAIN ANALYSIS | 58 |
| FIGURE 29 | THIN CLIENT MARKET: VALUE CHAIN ANALYSIS | 59 |
| 5.4 | ECOSYSTEM ANALYSIS | 60 |
| FIGURE 30 | THIN CLIENT MARKET: ECOSYSTEM ANALYSIS | 60 |
| TABLE 3 | THIN CLIENT MARKET: ROLE OF COMPANIES IN ECOSYSTEM | 61 |
| 5.5 | TRENDS IMPACTING CUSTOMERS' BUSINESSES | 62 |
| FIGURE 31 | REVENUE SHIFT IN THIN CLIENT MARKET | 62 |
| 5.6 | PORTER'S FIVE FORCES ANALYSIS | 62 |
| TABLE 4 | THIN CLIENT MARKET: PORTER'S FIVE FORCES ANALYSIS | 63 |
| 5.7 | KEY STAKEHOLDERS AND BUYING CRITERIA | 64 |
| 5.7.1 | KEY STAKEHOLDERS IN BUYING PROCESS | 64 |
| FIGURE 32 | INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS, BY APPLICATION | 64 |
| TABLE 5 | INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS, BY APPLICATION (%) | 64 |
| 5.7.2 | BUYING CRITERIA | 65 |
| FIGURE 33 | KEY BUYING CRITERIA, BY APPLICATION | 65 |
| TABLE 6 | KEY BUYING CRITERIA, BY APPLICATION | 65 |
| 5.8 | PRICING ANALYSIS | 66 |
| FIGURE 34 | AVERAGE SELLING PRICE OF THIN CLIENTS, BY FORM FACTOR | 66 |
| TABLE 7 | AVERAGE SELLING PRICE OF THIN CLIENTS, BY COMPANY | 67 |
| 5.9 | CASE STUDY ANALYSIS | 67 |
| TABLE 8 | UNIVERSITY OF PENNSYLVANIA SCHOOL OF DENTAL MEDICINE TURNED TRADITIONAL PC ENVIRONMENT INTO VIRTUAL WORKSTATION FLEET | 67 |

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

TABLE 9 ADVANTECH CO., LTD. HELPED BAT SET UP SMART FACTORY SOLUTIONS 68

TABLE 10 MINOOKA COMMUNITY CONSOLIDATED SCHOOL DISTRICT DEPLOYED HP'S THIN CLIENTS 68

TABLE 11 10ZIG HELPED CONESTOGA TO ACHIEVE GOAL OF WORKSTATIONS OF REPORTING EACH STEP IN MANUFACTURING PROCESS 69

TABLE 12 CENTERM HELPED CAIXA BANK IMPROVE EFFICIENCY AND SECURITY LEVEL 69

5.10 TECHNOLOGY ANALYSIS 69

5.10.1 COMPLIMENTARY TECHNOLOGY 70

5.10.1.1 Artificial Intelligence (AI) and Machine Learning (ML) 70

5.10.1.2 Big data 70

5.10.2 ADJACENT TECHNOLOGY 70

5.10.2.1 Cloud computing 70

5.10.2.2 PC-over-IP (PCoIP) 70

5.11 PATENT ANALYSIS 71

FIGURE 35 THIN CLIENT MARKET: PATENT ANALYSIS 71

TABLE 13 PATENTS RELATED TO THIN CLIENT MARKET 71

5.12 KEY CONFERENCES AND EVENTS, 2023-2024 73

TABLE 14 THIN CLIENT MARKET: DETAILED LIST OF CONFERENCES AND EVENTS 73

5.13 REGULATORY LANDSCAPE 74

5.13.1 REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS 74

TABLE 15 NORTH AMERICA: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS 74

TABLE 16 EUROPE: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS 75

TABLE 17 ASIA PACIFIC: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS 76

TABLE 18 ROW: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS 77

5.13.2 REGULATORY LANDSCAPE 77

5.13.2.1 US regulations 77

5.13.2.1.1 The Gramm-Leach-Bliley Act 77

5.13.2.1.2 California Consumer Privacy Act 77

5.13.2.1.3 Anticybersquatting Consumer Protection Act 77

5.13.2.1.4 Health Insurance Portability and Accountability Act (HIPAA) 78

5.13.2.1.5 Family Educational Rights and Privacy Act (FERPA) 78

5.13.2.1.6 The FTC's Fair Information Practice 78

5.13.2.2 EU regulations 78

5.13.2.2.1 General Data Protection Regulation 78

5.13.3 STANDARDS 78

5.13.3.1 CEN/ISO 78

5.13.3.2 ISO/IEC JTC 1 78

5.13.3.2.1 ISO/IEC JTC 1/SC 31 79

5.13.3.2.2 ISO/IEC JTC 1/SC 27 79

5.13.3.3 Payment Card Industry Data Security Standard 79

5.13.3.4 European Technical Standards Institute (ETSI) 79

5.13.3.5 Institute of Electrical and Electronics Engineers Standards Association (IEEE) 79

5.13.4 TARIFF ANALYSIS 79

TABLE 19 TARIFF FOR ELECTRONIC INTEGRATED CIRCUITS AS PROCESSORS AND CONTROLLERS EXPORTED BY US, 2021 80

TABLE 20 TARIFF FOR ELECTRONIC INTEGRATED CIRCUITS AS PROCESSORS AND CONTROLLERS EXPORTED BY CHINA, 2021 80

TABLE 21 TARIFF FOR ELECTRONIC INTEGRATED CIRCUITS AS PROCESSORS AND CONTROLLERS EXPORTED BY GERMANY, 2021 80

5.14 TRADE ANALYSIS 81

TABLE 22 EXPORT DATA FOR HS CODE 847150, BY COUNTRY, 2017-2021 (USD MILLION) 81

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

FIGURE 36 EXPORT DATA FOR HS CODE 847150, BY COUNTRY, 2017-2021 (USD MILLION) 81

TABLE 23 IMPORT DATA FOR HS CODE 847150, BY COUNTRY, 2017-2021 (USD MILLION) 82

FIGURE 37 IMPORT DATA FOR HS CODE 847150, BY COUNTRY, 2017-2021 (USD MILLION) 82

6 THIN CLIENT MARKET, BY FORM FACTOR 83

6.1 INTRODUCTION 84

FIGURE 38 THIN CLIENT MARKET, BY FORM FACTOR, 2023-2028 84

6.2 STANDALONE 84

6.2.1 INCREASING FOCUS ON UPGRADING TRADITIONAL PCS TO BOOST ADOPTION OF STANDALONE THIN CLIENTS 84

6.2.2 CASE STUDY: AGRICULTURE BANK OF CHINA (ABC) REPLACED PCS WITH CENTERM'S THIN CLIENTS TO ACHIEVE HIGH EFFICIENCY 85

6.3 WITH MONITOR 85

6.3.1 LESS OPERATING COST TO FUEL ADOPTION OF THIN CLIENTS WITH MONITORS 85

6.3.2 CASE STUDY: IGEL AND LG COLLABORATED TO IMPROVE DIGITAL EXPERIENCE FOR KALEIDA HEALTH 85

6.4 MOBILE 85

6.4.1 LOW LIFECYCLE AND OPERATIONAL COSTS TO FUEL DEMAND FOR MOBILE THIN CLIENTS 85

6.4.2 CASE STUDY: ATRUST MOBILE THIN CLIENT HELPED VITAL-NET, INC. PROVIDE FLEXIBILITY AND MOBILITY 86

TABLE 24 THIN CLIENT MARKET, BY FORM FACTOR, 2019-2022 (USD MILLION) 86

TABLE 25 THIN CLIENT MARKET, BY FORM FACTOR, 2023-2028 (USD MILLION) 86

7 THIN CLIENT MARKET, BY APPLICATION 87

7.1 INTRODUCTION 88

FIGURE 39 THIN CLIENT MARKET, BY APPLICATION, 2023-2028 88

TABLE 26 THIN CLIENT MARKET, BY APPLICATION, 2019-2022 (USD MILLION) 88

TABLE 27 THIN CLIENT MARKET, BY APPLICATION, 2023-2028 (USD MILLION) 89

7.2 INFORMATION AND TECHNOLOGY SERVICES (ITS) 89

7.2.1 GROWING DATA SECURITY CONCERNS IN ENTERPRISES 89

7.2.2 CASE STUDY: CALFORD SEADEN SWITCHED TO VIRTUAL DESKTOP ENVIRONMENT AS IT SAVES ENERGY COSTS 90

TABLE 28 ITS: THIN CLIENT MARKET, BY FORM FACTOR, 2019-2022 (USD MILLION) 90

TABLE 29 ITS: THIN CLIENT MARKET, BY FORM FACTOR, 2023-2028 (USD MILLION) 90

TABLE 30 ITS: THIN CLIENT MARKET, BY REGION, 2019-2022 (USD MILLION) 91

TABLE 31 ITS: THIN CLIENT MARKET, BY REGION, 2023-2028 (USD MILLION) 91

7.3 GOVERNMENT 91

7.3.1 GROWING NEED FOR DATA SECURITY 91

7.3.2 CASE STUDY: DEPLOYMENT OF BREEZE INNOVATIONS' THIN CLIENTS AT PASSENGER RESERVATION SYSTEMS (PRSS) IN INDIA 92

TABLE 32 GOVERNMENT: THIN CLIENT MARKET, BY FORM FACTOR, 2019-2022 (USD MILLION) 92

TABLE 33 GOVERNMENT: THIN CLIENT MARKET, BY FORM FACTOR, 2023-2028 (USD MILLION) 92

TABLE 34 GOVERNMENT: THIN CLIENT MARKET, BY REGION, 2019-2022 (USD MILLION) 92

TABLE 35 GOVERNMENT: THIN CLIENT MARKET, BY REGION, 2023-2028 (USD MILLION) 93

7.4 EDUCATION 93

7.4.1 HIGH MAINTENANCE COSTS ASSOCIATED WITH COMPUTERS 93

7.4.2 CASE STUDY: CLYDEBANK COLLEGE COLLABORATED WITH DEVON IT TO DEPLOY THIN CLIENTS TO OFFER STUDENTS VIRTUAL INFRASTRUCTURE 93

TABLE 36 EDUCATION: THIN CLIENT MARKET, BY FORM FACTOR, 2019-2022 (USD MILLION) 94

TABLE 37 EDUCATION: THIN CLIENT MARKET, BY FORM FACTOR, 2023-2028 (USD MILLION) 94

TABLE 38 EDUCATION: THIN CLIENT MARKET, BY REGION, 2019-2022 (USD MILLION) 94

TABLE 39 EDUCATION: THIN CLIENT MARKET, BY REGION, 2023-2028 (USD MILLION) 94

7.5 INDUSTRIAL 95

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

7.5.1 RISING ADOPTION OF SMART MANUFACTURING TO REDUCE COSTS AND INCREASE MANUFACTURING AND TRANSPORTATION EFFICIENCY 95

7.5.2 CASE STUDY: ADVANTECH CO., LTD. HELPED BAT SET UP SMART FACTORY SOLUTIONS 95

TABLE 40 INDUSTRIAL: THIN CLIENT MARKET, BY FORM FACTOR, 2019-2022 (USD MILLION) 95

TABLE 41 INDUSTRIAL: THIN CLIENT MARKET, BY FORM FACTOR, 2023-2028 (USD MILLION) 96

TABLE 42 INDUSTRIAL: THIN CLIENT MARKET, BY REGION, 2019-2022 (USD THOUSAND) 96

TABLE 43 INDUSTRIAL: THIN CLIENT MARKET, BY REGION, 2023-2028 (USD THOUSAND) 96

7.6 HEALTHCARE 96

7.6.1 DIGITAL ADVANCEMENTS IN HEALTHCARE INFRASTRUCTURE 96

7.6.2 CASE STUDY: VXL TECHNOLOGY HELPED PIEDMONT HEALTHCARE STREAMLINE DATABASE MANAGEMENT SYSTEM 97

TABLE 44 HEALTHCARE: THIN CLIENT MARKET, BY FORM FACTOR, 2019-2022 (USD MILLION) 97

TABLE 45 HEALTHCARE: THIN CLIENT MARKET, BY FORM FACTOR, 2023-2028 (USD MILLION) 97

TABLE 46 HEALTHCARE: THIN CLIENT MARKET, BY REGION, 2019-2022 (USD MILLION) 98

TABLE 47 HEALTHCARE: THIN CLIENT MARKET, BY REGION, 2023-2028 (USD MILLION) 98

7.7 RETAIL 98

7.7.1 GROWING USE OF THIN CLIENTS IN POINT-OF-SALE KIOSKS 98

7.7.2 CASE STUDY: WAGELA HELPED RETAIL CHAIN UPGRADE EXISTING THIN CLIENTS ACROSS ALL LOCATIONS 99

TABLE 48 RETAIL: THIN CLIENT MARKET, BY FORM FACTOR, 2019-2022 (USD THOUSAND) 99

TABLE 49 RETAIL: THIN CLIENT MARKET, BY FORM FACTOR, 2023-2028 (USD THOUSAND) 99

TABLE 50 RETAIL: THIN CLIENT MARKET, BY REGION, 2019-2022 (USD THOUSAND) 99

TABLE 51 RETAIL: THIN CLIENT MARKET, BY REGION, 2023-2028 (USD THOUSAND) 100

7.8 BFSI 100

7.8.1 GROWING USE OF THIN CLIENTS IN BFSI SECTOR TO ACHIEVE HIGH SECURITY 100

7.8.2 CASE STUDY: CENTERM'S THIN CLIENTS IMPROVED OPERATIONAL EFFICIENCY AND SAVED COSTS FOR OCBC BANK 100

TABLE 52 BFSI: THIN CLIENT MARKET, BY FORM FACTOR, 2019-2022 (USD MILLION) 101

TABLE 53 BFSI: THIN CLIENT MARKET, BY FORM FACTOR, 2023-2028 (USD MILLION) 101

TABLE 54 BFSI: THIN CLIENT MARKET, BY REGION, 2019-2022 (USD MILLION) 101

TABLE 55 BFSI: THIN CLIENT MARKET, BY REGION, 2023-2028 (USD MILLION) 101

7.9 TRANSPORTATION 102

7.9.1 RISING USE OF THIN CLIENT-BASED INTELLIGENT TRANSPORTATION SYSTEMS 102

TABLE 56 TRANSPORTATION: THIN CLIENT MARKET, BY FORM FACTOR, 2019-2022 (USD THOUSAND) 102

TABLE 57 TRANSPORTATION: THIN CLIENT MARKET, BY FORM FACTOR, 2023-2028 (USD THOUSAND) 102

TABLE 58 TRANSPORTATION: THIN CLIENT MARKET, BY REGION, 2019-2022 (USD THOUSAND) 102

TABLE 59 TRANSPORTATION: THIN CLIENT MARKET, BY REGION, 2023-2028 (USD THOUSAND) 103

8 THIN CLIENT MARKET, BY REGION 104

8.1 INTRODUCTION 105

FIGURE 40 ASIA PACIFIC THIN CLIENT MARKET TO GROW AT SIGNIFICANT RATE FROM 2023 TO 2028 105

TABLE 60 THIN CLIENT MARKET, BY REGION, 2019-2022 (USD MILLION) 105

TABLE 61 THIN CLIENT MARKET, BY REGION, 2023-2028 (USD MILLION) 106

8.2 NORTH AMERICA 106

8.2.1 NORTH AMERICA: RECESSION IMPACT 106

FIGURE 41 NORTH AMERICA: SNAPSHOT OF THIN CLIENT MARKET 107

TABLE 62 NORTH AMERICA: THIN CLIENT MARKET, BY COUNTRY, 2019-2022 (USD MILLION) 107

TABLE 63 NORTH AMERICA: THIN CLIENT MARKET, BY COUNTRY, 2023-2028 (USD MILLION) 108

TABLE 64 NORTH AMERICA: THIN CLIENT MARKET, BY APPLICATION, 2019-2022 (USD THOUSAND) 108

TABLE 65 NORTH AMERICA: THIN CLIENT MARKET, BY APPLICATION, 2023-2028 (USD THOUSAND) 108

8.2.2 US 109

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

8.2.2.1 Growing need for smart infrastructure and rising adoption of advanced technologies 109

8.2.2.2 Case Study: HP's thin clients support Kindred in providing efficient, high-quality care 109

8.2.3 CANADA 110

8.2.3.1 Rising shift toward automation of IT service operations 110

8.2.3.2 Case Study: JIG Technologies helped Terry Fox Foundation perform regular hardware and software upgrades and replace old PCs and servers 110

8.2.4 MEXICO 110

8.2.4.1 Rising digital infrastructure development 110

8.2.4.2 Increasing investments in data centers with growing adoption of cloud computing 111

TABLE 66 ITS: NORTH AMERICA THIN CLIENT MARKET, BY COUNTRY, 2019-2022 (USD THOUSAND) 111

TABLE 67 ITS: NORTH AMERICA THIN CLIENT MARKET, BY COUNTRY, 2023-2028 (USD THOUSAND) 111

TABLE 68 EDUCATION: NORTH AMERICA THIN CLIENT MARKET, BY COUNTRY, 2019-2022 (USD THOUSAND) 111

TABLE 69 EDUCATION: NORTH AMERICA THIN CLIENT MARKET, BY COUNTRY, 2023-2028 (USD THOUSAND) 112

TABLE 70 BFSI: NORTH AMERICA THIN CLIENT MARKET, BY COUNTRY, 2019-2022 (USD THOUSAND) 112

TABLE 71 BFSI: NORTH AMERICA THIN CLIENT MARKET, BY COUNTRY, 2023-2028 (USD THOUSAND) 112

TABLE 72 INDUSTRIAL: NORTH AMERICA THIN CLIENT MARKET, BY COUNTRY, 2019-2022 (USD THOUSAND) 112

TABLE 73 INDUSTRIAL: NORTH AMERICA THIN CLIENT MARKET, BY COUNTRY, 2023-2028 (USD THOUSAND) 113

TABLE 74 GOVERNMENT: NORTH AMERICA THIN CLIENT MARKET, BY COUNTRY, 2019-2022 (USD THOUSAND) 113

TABLE 75 GOVERNMENT: NORTH AMERICA THIN CLIENT MARKET, BY COUNTRY, 2023-2028 (USD THOUSAND) 113

TABLE 76 HEALTHCARE: NORTH AMERICA THIN CLIENT MARKET, BY COUNTRY, 2019-2022 (USD THOUSAND) 113

TABLE 77 HEALTHCARE: NORTH AMERICA THIN CLIENT MARKET, BY COUNTRY, 2023-2028 (USD THOUSAND) 114

TABLE 78 RETAIL: NORTH AMERICA THIN CLIENT MARKET, BY COUNTRY, 2019-2022 (USD THOUSAND) 114

TABLE 79 RETAIL: NORTH AMERICA THIN CLIENT MARKET, BY COUNTRY, 2023-2028 (USD THOUSAND) 114

TABLE 80 TRANSPORTATION: NORTH AMERICA THIN CLIENT MARKET, BY COUNTRY, 2019-2022 (USD THOUSAND) 114

TABLE 81 TRANSPORTATION: NORTH AMERICA THIN CLIENT MARKET, BY COUNTRY, 2023-2028 (USD THOUSAND) 115

8.3 EUROPE 115

8.3.1 EUROPE: RECESSION IMPACT 115

FIGURE 42 EUROPE: SNAPSHOT OF THIN CLIENT MARKET 116

TABLE 82 EUROPE: THIN CLIENT MARKET, BY COUNTRY, 2019-2022 (USD MILLION) 116

TABLE 83 EUROPE: THIN CLIENT MARKET, BY COUNTRY, 2023-2028 (USD MILLION) 117

TABLE 84 EUROPE: THIN CLIENT MARKET, BY APPLICATION, 2019-2022 (USD THOUSAND) 117

TABLE 85 EUROPE: THIN CLIENT MARKET, BY APPLICATION, 2023-2028 (USD THOUSAND) 117

8.3.2 UK 118

8.3.2.1 Increasing remote/hybrid initiatives by organizations 118

8.3.2.2 Case Study: Getech made strategic shift to AVD on IGEL OS-powered LG thin client desktops 118

8.3.3 GERMANY 118

8.3.3.1 Technological advancements in digital technologies 118

8.3.3.2 Government-led initiatives for digital transformation 119

8.3.4 FRANCE 119

8.3.4.1 Increasing digital transformation 119

8.3.5 REST OF EUROPE 119

TABLE 86 ITS: EUROPE THIN CLIENT MARKET, BY COUNTRY, 2019-2022 (USD THOUSAND) 120

TABLE 87 ITS: EUROPE THIN CLIENT MARKET, BY COUNTRY, 2023-2028 (USD THOUSAND) 120

TABLE 88 EDUCATION: EUROPE THIN CLIENT MARKET, BY COUNTRY, 2019-2022 (USD THOUSAND) 120

TABLE 89 EDUCATION: EUROPE THIN CLIENT MARKET, BY COUNTRY, 2023-2028 (USD THOUSAND) 121

TABLE 90 BFSI: EUROPE THIN CLIENT MARKET, BY COUNTRY, 2019-2022 (USD THOUSAND) 121

TABLE 91 BFSI: EUROPE THIN CLIENT MARKET, BY COUNTRY, 2023-2028 (USD THOUSAND) 121

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

TABLE 92 □ INDUSTRIAL: EUROPE THIN CLIENT MARKET, BY COUNTRY, 2019-2022 (USD THOUSAND) □ 121

TABLE 93 □ INDUSTRIAL: EUROPE THIN CLIENT MARKET, BY COUNTRY, 2023-2028 (USD THOUSAND) □ 122

TABLE 94 □ GOVERNMENT: EUROPE THIN CLIENT MARKET, BY COUNTRY, 2019-2022 (USD THOUSAND) □ 122

TABLE 95 □ GOVERNMENT: EUROPE THIN CLIENT MARKET, BY COUNTRY, 2023-2028 (USD THOUSAND) □ 122

TABLE 96 □ HEALTHCARE: EUROPE THIN CLIENT MARKET, BY COUNTRY, 2019-2022 (USD THOUSAND) □ 122

TABLE 97 □ HEALTHCARE: EUROPE THIN CLIENT MARKET, BY COUNTRY, 2023-2028 (USD THOUSAND) □ 123

TABLE 98 □ RETAIL: EUROPE THIN CLIENT MARKET, BY COUNTRY, 2019-2022 (USD THOUSAND) □ 123

TABLE 99 □ RETAIL: EUROPE THIN CLIENT MARKET, BY COUNTRY, 2023-2028 (USD THOUSAND) □ 123

TABLE 100 □ TRANSPORTATION: EUROPE THIN CLIENT MARKET, BY COUNTRY, 2019-2022 (USD THOUSAND) □ 123

TABLE 101 □ TRANSPORTATION: EUROPE THIN CLIENT MARKET, BY COUNTRY, 2023-2028 (USD THOUSAND) □ 124

8.4 □ ASIA PACIFIC □ 124

8.4.1 □ ASIA PACIFIC: RECESSION IMPACT □ 124

FIGURE 43 □ ASIA PACIFIC: SNAPSHOT OF THIN CLIENT MARKET □ 125

TABLE 102 □ ASIA PACIFIC: THIN CLIENT MARKET, BY COUNTRY, 2019-2022 (USD MILLION) □ 125

TABLE 103 □ ASIA PACIFIC: THIN CLIENT MARKET, BY COUNTRY, 2023-2028 (USD MILLION) □ 126

TABLE 104 □ ASIA PACIFIC: THIN CLIENT MARKET, BY APPLICATION, 2019-2022 (USD MILLION) □ 126

TABLE 105 □ ASIA PACIFIC: THIN CLIENT MARKET, BY APPLICATION, 2023-2028 (USD MILLION) □ 126

8.4.2 □ CHINA □ 127

8.4.2.1 □ Increasing focus on cloud computing and smart infrastructure □ 127

8.4.2.2 □ Case Study: Agriculture Bank of China replaced PCs with Centerm's thin clients for higher efficiency □ 127

8.4.3 □ JAPAN □ 127

8.4.3.1 □ Rising investments and adoption of cloud services □ 127

8.4.3.2 □ Case Study: Atrust Mobile's thin client provides flexibility and mobility for Vital-Net, Inc. □ 128

8.4.4 □ INDIA □ 128

8.4.4.1 □ Increasing public-private investments under Make in India initiative □ 128

8.4.4.2 □ Case Study: Deployment of Breeze thin clients at unreserved ticketing System (UTS) of India Railways □ 129

8.4.5 □ SOUTH KOREA □ 129

8.4.5.1 □ Advancements in cellular technologies □ 129

8.4.6 □ REST OF ASIA PACIFIC □ 129

TABLE 106 □ ITS: ASIA PACIFIC THIN CLIENT MARKET, BY COUNTRY, 2019-2022 (USD THOUSAND) □ 130

TABLE 107 □ ITS: ASIA PACIFIC THIN CLIENT MARKET, BY COUNTRY, 2023-2028 (USD THOUSAND) □ 130

TABLE 108 □ EDUCATION: ASIA PACIFIC THIN CLIENT MARKET, BY COUNTRY, 2019-2022 (USD THOUSAND) □ 131

TABLE 109 □ EDUCATION: ASIA PACIFIC THIN CLIENT MARKET, BY COUNTRY, 2023-2028 (USD THOUSAND) □ 131

TABLE 110 □ BFSI: ASIA PACIFIC THIN CLIENT MARKET, BY COUNTRY, 2019-2022 (USD THOUSAND) □ 131

TABLE 111 □ BFSI: ASIA PACIFIC THIN CLIENT MARKET, BY COUNTRY, 2023-2028 (USD THOUSAND) □ 132

TABLE 112 □ INDUSTRIAL: ASIA PACIFIC THIN CLIENT MARKET, BY COUNTRY, 2019-2022 (USD THOUSAND) □ 132

TABLE 113 □ INDUSTRIAL: ASIA PACIFIC THIN CLIENT MARKET, BY COUNTRY, 2023-2028 (USD THOUSAND) □ 132

TABLE 114 □ GOVERNMENT: ASIA PACIFIC THIN CLIENT MARKET, BY COUNTRY, 2019-2022 (USD THOUSAND) □ 133

TABLE 115 □ GOVERNMENT: ASIA PACIFIC THIN CLIENT MARKET, BY COUNTRY, 2023-2028 (USD THOUSAND) □ 133

TABLE 116 □ HEALTHCARE: ASIA PACIFIC THIN CLIENT MARKET, BY COUNTRY, 2019-2022 (USD THOUSAND) □ 133

TABLE 117 □ HEALTHCARE: ASIA PACIFIC THIN CLIENT MARKET, BY COUNTRY, 2023-2028 (USD THOUSAND) □ 134

TABLE 118 □ RETAIL: ASIA PACIFIC THIN CLIENT MARKET, BY COUNTRY, 2019-2022 (USD THOUSAND) □ 134

TABLE 119 □ RETAIL: ASIA PACIFIC THIN CLIENT MARKET, BY COUNTRY, 2023-2028 (USD THOUSAND) □ 134

TABLE 120 □ TRANSPORTATION: ASIA PACIFIC THIN CLIENT MARKET, BY COUNTRY, 2019-2022 (USD THOUSAND) □ 135

TABLE 121 □ TRANSPORTATION: ASIA PACIFIC THIN CLIENT MARKET, BY COUNTRY, 2023-2028 (USD THOUSAND) □ 135

8.5 □ ROW □ 135

8.5.1 □ ROW: RECESSION IMPACT □ 136

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

TABLE 122 □ ROW: THIN CLIENT MARKET, BY COUNTRY, 2019-2022 (USD MILLION) □ 136

TABLE 123 □ ROW: THIN CLIENT MARKET, BY COUNTRY, 2023-2028 (USD MILLION) □ 136

TABLE 124 □ ROW: THIN CLIENT MARKET, BY APPLICATION, 2019-2022 (USD THOUSAND) □ 137

TABLE 125 □ ROW: THIN CLIENT MARKET, BY APPLICATION, 2023-2028 (USD THOUSAND) □ 137

8.5.2 □ MIDDLE EAST & AFRICA □ 137

8.5.2.1 □ Increasing industrial automation □ 137

8.5.2.2 □ Growing adoption of advanced technologies □ 138

8.5.3 □ SOUTH AMERICA □ 138

8.5.3.1 □ Rising adoption of managed services □ 138

TABLE 126 □ ITS: ROW THIN CLIENT MARKET, BY COUNTRY, 2019-2022 (USD THOUSAND) □ 139

TABLE 127 □ ITS: ROW THIN CLIENT MARKET, BY COUNTRY, 2023-2028 (USD THOUSAND) □ 139

TABLE 128 □ EDUCATION: ROW THIN CLIENT MARKET, BY COUNTRY, 2019-2022 (USD THOUSAND) □ 139

TABLE 129 □ EDUCATION: ROW THIN CLIENT MARKET, BY COUNTRY, 2023-2028 (USD THOUSAND) □ 139

TABLE 130 □ BFSI: ROW THIN CLIENT MARKET, BY COUNTRY, 2019-2022 (USD THOUSAND) □ 139

TABLE 131 □ BFSI: ROW THIN CLIENT MARKET, BY COUNTRY, 2023-2028 (USD THOUSAND) □ 140

TABLE 132 □ INDUSTRIAL: ROW THIN CLIENT MARKET, BY COUNTRY, 2019-2022 (USD THOUSAND) □ 140

TABLE 133 □ INDUSTRIAL: ROW THIN CLIENT MARKET, BY COUNTRY, 2023-2028 (USD THOUSAND) □ 140

TABLE 134 □ GOVERNMENT: ROW THIN CLIENT MARKET, BY COUNTRY, 2019-2022 (USD THOUSAND) □ 140

TABLE 135 □ GOVERNMENT: ROW THIN CLIENT MARKET, BY COUNTRY, 2023-2028 (USD THOUSAND) □ 140

TABLE 136 □ HEALTHCARE: ROW THIN CLIENT MARKET, BY COUNTRY, 2019-2022 (USD THOUSAND) □ 141

TABLE 137 □ HEALTHCARE: ROW THIN CLIENT MARKET, BY COUNTRY, 2023-2028 (USD THOUSAND) □ 141

TABLE 138 □ RETAIL: ROW THIN CLIENT MARKET, BY COUNTRY, 2019-2022 (USD THOUSAND) □ 141

TABLE 139 □ RETAIL: ROW THIN CLIENT MARKET, BY COUNTRY, 2023-2028 (USD THOUSAND) □ 141

TABLE 140 □ TRANSPORTATION: ROW THIN CLIENT MARKET, BY COUNTRY, 2019-2022 (USD THOUSAND) □ 141

TABLE 141 □ TRANSPORTATION: ROW THIN CLIENT MARKET, BY COUNTRY, 2023-2028 (USD THOUSAND) □ 142

9 □ COMPETITIVE LANDSCAPE □ 143

9.1 □ OVERVIEW □ 143

9.1.1 □ OVERVIEW OF KEY GROWTH STRATEGIES ADOPTED BY MAJOR COMPANIES □ 143

TABLE 142 □ OVERVIEW OF KEY GROWTH STRATEGIES ADOPTED BY MAJOR COMPANIES □ 143

9.2 □ THIN CLIENT MARKET: REVENUE ANALYSIS □ 145

FIGURE 44 □ THREE-YEAR REVENUE ANALYSIS OF TOP FIVE PLAYERS IN THIN CLIENT MARKET □ 145

9.3 □ MARKET SHARE ANALYSIS (2022) □ 145

TABLE 143 □ THIN CLIENT MARKET: MARKET SHARE ANALYSIS □ 145

9.4 □ COMPANY EVALUATION QUADRANT, 2022 □ 147

9.4.1 □ STARS □ 147

9.4.2 □ EMERGING LEADERS □ 147

9.4.3 □ PERVASIVE PLAYERS □ 147

9.4.4 □ PARTICIPANTS □ 147

FIGURE 45 □ THIN CLIENT MARKET (GLOBAL): KEY COMPANY EVALUATION QUADRANT, 2022 □ 148

9.5 □ COMPETITIVE BENCHMARKING □ 149

TABLE 144 □ THIN CLIENT MARKET: DETAILED LIST OF KEY STARTUPS/SMES □ 149

TABLE 145 □ THIN CLIENT MARKET: COMPETITIVE BENCHMARKING OF KEY STARTUPS/SMES □ 149

9.6 □ SMALL AND MEDIUM-SIZED ENTERPRISES (SMES) EVALUATION QUADRANT, 2022 □ 150

9.6.1 □ PROGRESSIVE COMPANIES □ 150

9.6.2 □ RESPONSIVE COMPANIES □ 150

9.6.3 □ DYNAMIC COMPANIES □ 150

9.6.4 □ STARTING BLOCKS □ 150

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

FIGURE 46 THIN CLIENT MARKET (GLOBAL): SME EVALUATION QUADRANT, 2022 151

TABLE 146 THIN CLIENT MARKET: COMPANY FOOTPRINT 152

TABLE 147 THIN CLIENT MARKET: FORM FACTOR FOOTPRINT 153

TABLE 148 THIN CLIENT MARKET: APPLICATION FOOTPRINT 154

TABLE 149 THIN CLIENT MARKET: REGIONAL FOOTPRINT 155

9.7 COMPETITIVE SCENARIOS AND TRENDS 156

9.7.1 PRODUCT LAUNCHES 156

TABLE 150 THIN CLIENT MARKET: PRODUCT LAUNCHES, APRIL 2018-AUGUST 2022 156

9.7.2 DEALS 158

TABLE 151 THIN CLIENT MARKET: DEALS, JUNE 2018-NOVEMBER 2022 158

10 COMPANY PROFILES 163

(Business Overview, Products/Solutions/Services Offered, Recent Developments, MnM view (Key strengths/Right to win, Strategic choices made, Weakness/competitive threats)*

10.1 KEY PLAYERS 163

10.1.1 HP INC. 163

TABLE 152 HP INC.: COMPANY OVERVIEW 163

FIGURE 47 HP INC.: COMPANY SNAPSHOT 164

TABLE 153 HP INC.: PRODUCTS/SERVICES/SOLUTIONS OFFERED 164

TABLE 154 HP INC.: PRODUCT LAUNCHES 165

TABLE 155 HP INC.: DEALS 166

10.1.2 DELL TECHNOLOGIES 167

TABLE 156 DELL TECHNOLOGIES: COMPANY OVERVIEW 167

FIGURE 48 DELL TECHNOLOGIES: COMPANY SNAPSHOT 167

TABLE 157 DELL TECHNOLOGIES: PRODUCTS/SERVICES/SOLUTIONS OFFERED 168

TABLE 158 DELL TECHNOLOGIES: PRODUCT LAUNCHES 168

10.1.3 IGEL 170

TABLE 159 IGEL: COMPANY OVERVIEW 170

TABLE 160 IGEL: PRODUCTS/SERVICES/SOLUTIONS OFFERED 170

TABLE 161 IGEL: DEALS 171

10.1.4 CENTERM 173

TABLE 162 CENTERM: COMPANY OVERVIEW 173

TABLE 163 CENTERM: PRODUCTS/SERVICES/SOLUTIONS OFFERED 173

TABLE 164 CENTERM: DEALS 174

10.1.5 FUJITSU 175

TABLE 165 FUJITSU: COMPANY OVERVIEW 175

FIGURE 49 FUJITSU: COMPANY SNAPSHOT 176

TABLE 166 FUJITSU: PRODUCTS/SERVICES/SOLUTIONS OFFERED 177

TABLE 167 FUJITSU.: PRODUCT LAUNCHES 177

10.1.6 INCOMPUTING 179

TABLE 168 INCOMPUTING: COMPANY OVERVIEW 179

TABLE 169 INCOMPUTING: PRODUCTS/SERVICES/SOLUTIONS OFFERED 179

TABLE 170 INCOMPUTING: PRODUCT LAUNCHES 180

TABLE 171 INCOMPUTING: DEALS 181

10.1.7 SAMSUNG 183

TABLE 172 SAMSUNG: COMPANY OVERVIEW 183

FIGURE 50 SAMSUNG: COMPANY SNAPSHOT 184

TABLE 173 SAMSUNG: PRODUCTS/SERVICES/SOLUTIONS OFFERED 185

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

| | | |
|-----------|--|-----|
| 10.1.8 | ADVANTECH CO., LTD. | 186 |
| TABLE 174 | ADVANTECH CO., LTD.: COMPANY OVERVIEW | 186 |
| FIGURE 51 | ADVANTECH CO., LTD.: COMPANY SNAPSHOT | 187 |
| TABLE 175 | ADVANTECH CO., LTD.: PRODUCTS/SERVICES/SOLUTIONS OFFERED | 188 |
| 10.1.9 | LENOVO | 189 |
| TABLE 176 | LENOVO: COMPANY OVERVIEW | 189 |
| FIGURE 52 | LENOVO: COMPANY SNAPSHOT | 190 |
| TABLE 177 | LENOVO: PRODUCTS/SERVICES/SOLUTIONS OFFERED | 190 |
| TABLE 178 | LENOVO: DEALS | 191 |
| 10.1.10 | INTEL CORPORATION | 192 |
| TABLE 179 | INTEL CORPORATION: COMPANY OVERVIEW | 192 |
| FIGURE 53 | INTEL CORPORATION: COMPANY SNAPSHOT | 193 |
| TABLE 180 | INTEL: PRODUCTS/SERVICES/SOLUTIONS OFFERED | 193 |
| TABLE 181 | INTEL: DEALS | 194 |
| 10.1.11 | 10ZIG TECHNOLOGY | 195 |
| TABLE 182 | 10ZIG TECHNOLOGY: COMPANY OVERVIEW | 195 |
| TABLE 183 | 10ZIG TECHNOLOGY: PRODUCTS/SERVICES/SOLUTIONS OFFERED | 195 |
| TABLE 184 | 10ZIG TECHNOLOGY: PRODUCT LAUNCHES | 196 |
| TABLE 185 | 10ZIG TECHNOLOGY: DEALS | 197 |
| 10.1.12 | LG ELECTRONICS | 198 |
| TABLE 186 | LG ELECTRONIC: COMPANY OVERVIEW | 198 |
| FIGURE 54 | LG ELECTRONICS: COMPANY SNAPSHOT | 199 |
| TABLE 187 | LG ELECTRONICS: PRODUCTS/SERVICES/SOLUTIONS OFFERED | 199 |
| TABLE 188 | LG ELECTRONICS: PRODUCT LAUNCHES | 200 |
| TABLE 189 | LG ELECTRONICS: DEALS | 201 |
| 10.1.13 | ACER | 202 |
| TABLE 190 | ACER: COMPANY OVERVIEW | 202 |
| FIGURE 55 | ACER: COMPANY SNAPSHOT | 203 |
| TABLE 191 | ACER: PRODUCT LAUNCHES | 204 |
| 10.1.14 | SIEMENS | 205 |
| TABLE 192 | SIEMENS: COMPANY OVERVIEW | 205 |
| FIGURE 56 | SIEMENS: COMPANY SNAPSHOT | 206 |
| TABLE 193 | SIEMENS: PRODUCTS/SERVICES/SOLUTIONS OFFERED | 207 |
| 10.1.15 | CHIP PC | 208 |
| TABLE 194 | CHIP PC: COMPANY OVERVIEW | 208 |
| TABLE 195 | CHIP PC: PRODUCTS/SERVICES/SOLUTIONS OFFERED | 209 |
| 10.2 | OTHER PLAYERS | 210 |
| 10.2.1 | CLEARCUBE TECHNOLOGY | 210 |
| 10.2.2 | ONLOGIC | 211 |
| 10.2.3 | CLIENTRON CORP. | 212 |
| 10.2.4 | THINVENT | 212 |
| 10.2.5 | PRAIM | 213 |
| 10.2.6 | ATRUST COMPUTER CORPORATION | 213 |
| 10.2.7 | VXL TECHNOLOGY | 214 |
| 10.2.8 | STRATODESK CORPORATION | 214 |
| 10.2.9 | ARISTA CORPORATION | 215 |
| 10.2.10 | SEAL TECHNOLOGIES | 215 |

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Details on Business Overview, Products/Solutions/Services Offered, Recent Developments, MnM view (Key strengths/Right to win, Strategic choices made, Weakness/competitive threats) might not be captured in case of unlisted companies.

11 APPENDIX 216

11.1 DISCUSSION GUIDE 216

11.2 KNOWLEDGESTORE: MARKETSandMARKETS' SUBSCRIPTION PORTAL 219

11.3 CUSTOMIZATION OPTIONS 221

11.4 RELATED REPORTS 221

11.5 AUTHOR DETAILS 222

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Thin client Market by Form Factor (Standalone, With Monitor, Mobile), Application (ITS, Education, Healthcare, Government, BFSI, Industrial, Retail, and Transportation) and Region (North America, Europe, APAC, RoW) - Global Forecast to 2028

Market Report | 2023-01-24 | 215 pages | MarketsandMarkets

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

ORDER FORM:

| Select license | License | Price |
|----------------|-------------------------|------------|
| | Single User | \$4950.00 |
| | Multi User | \$6650.00 |
| | Corporate License | \$8150.00 |
| | Enterprise Site License | \$10000.00 |
| | | VAT |
| | | Total |

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

| | | | |
|---------------|----------------------|-------------------------------|----------------------|
| Email* | <input type="text"/> | Phone* | <input type="text"/> |
| First Name* | <input type="text"/> | Last Name* | <input type="text"/> |
| Job title* | <input type="text"/> | | |
| Company Name* | <input type="text"/> | EU Vat / Tax ID / NIP number* | <input type="text"/> |
| Address* | <input type="text"/> | City* | <input type="text"/> |

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Zip Code*

Country*

Date

2026-03-11

Signature

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com