

Cable Modem Termination System (CTMS) and Converged Cable Access Platform (CCAP) Market by Type (CMTS (traditional CMTS, Virtual CMTS) and CCAP), DOCSIS Standard (DOCSIS 3.1 and DOCSIS 3.0 and Below) and Geography- Global Forecast to 2029

Market Report | 2024-03-13 | 190 pages | MarketsandMarkets

AVAILABLE LICENSES:

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

Report description:

The CMTS and CCAP market is projected to grow from USD 6.7 billion in 2024 and is expected to reach USD 10.4 billion by 2029, growing at a CAGR of 9.3% from 2024 to 2029. Virtual CMTS, virtualizes the functionalities by running them on standard servers within a cloud or virtualized infrastructure. These enable faster deployment and scaling of CMTS resources based on demand, facilitating rapid network adaptation to changing traffic patterns.

"Cable Modem Termination System segment in the CMTS and CCAP market to witness higher growth rate during the forecast period."

The increasing adoption Virtual CMTS is one of the major factor driving the market for CMTS. Smart home devices and IoT applications is creating demand for high-bandwidth, low-latency networks. CMTS can provide the necessary infrastructure for these applications. While fiber optic networks offer even faster speeds, they are not yet widely available. CMTS remains a cost-effective solution for many cable operators to compete with fiber in terms of speed and reliability.

"Market for DOCSIS 3.1 in the CMTS and CCAP market to witness higher growth rate during the forecast period."

Due to the surging demand of high speed internet consumers are increasingly demanding faster and more reliable internet connections for activities like streaming high-definition content, online gaming, and working remotely. DOCSIS 3.1 offers significantly higher speeds compared to its predecessors, making it a crucial upgrade for cable operators to meet these demands.

"The US is expected to hold the largest market size in the North American region during the forecast period."

The US accounted for the largest share of the North American CMTS and CCAP market in 2023, and a similar trend is expected to be witnessed during the forecast period. The presence of major players in this region such as CommScope (US), Cisco Systems,

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

Inc. (US), Casa Systems (US), and Harmonic Inc. (US), is driving the market. Moreover, Government initiatives are being introduced to expand broadband access and improve internet connectivity in underserved areas contributing to increased investments in advanced cable broadband technologies. For example, presence of Broadband Equity Access and Deployment Program (BEAD).

-□By Company Type: Tier 1 - 50%, Tier 2 - 30%, and Tier 3 - 20%

-□By Designation: C-level Executives - 55%, Directors -30%, and Others - 15%

-□By Region: North America -60%, Europe - 20%, Asia Pacific- 15%, and RoW - 5%

The report profiles key players in the CMTS and CCAP market with their respective market ranking analysis. Prominent players profiled in this report include CommScope (US), Cisco Systems, Inc. (US), Casa Systems (US), Harmonic Inc. (US), Nokia (Finland), Huawei Technologies Co., Ltd. (China), Broadcom (US), Juniper Networks, Inc. (US), Jinghong V & T technology Co., Ltd. (China), Sumavision (China), Blonder Tongue Laboratories (US), Versa Technology Inc. (US), C9 Networks Inc. (US), Vecima Networks Inc. (Canada), Teleste (Finland), Gennexcomm, Inc (US), The Volpe Firm (US), Creonic GmbH (Germany), Inango Systems Ltd. (Israel), Infinera Corporation (US), CableLabs (US), Leadman Electronics USA, Inc. (US), ZCorum (US), Calix (US), Australia's National Broadband Network. (Australia) are among a few other key companies in the CMTS and CCAP market.

Report Coverage

The report defines, describes, and forecasts the CMTS and CCAP market based on type, DOCSIS Standards, and region. It provides detailed information regarding drivers, restraints, opportunities, and challenges influencing the growth of the CMTS and CCAP market. It also analyzes competitive developments such as product launches, acquisitions, expansions, and actions carried out by the key players to grow in the market.

Reasons to Buy This Report

The report will help the market leaders/new entrants in the market with information on the closest approximations of the revenue for the overall CMTS and CCAP market and the subsegments. The report will help stakeholders understand the competitive landscape and gain more insight to position their business better and plan suitable go-to-market strategies. The report also helps stakeholders understand the pulse of the market and provides them with information on key drivers, restraints, opportunities, and challenges.

The report will provide insights into the following pointers:

-□Analysis of key drivers (Increasing adoption of virtual CMTS), restraints (High deployment costs), opportunities (Government focus on cable digitalization as an opportunity for CMTS and CCAP market), and challenges (Bandwidth sharing issue) of the CMTS and CCAP market.

-□Product development /Innovation: Detailed insights on upcoming technologies, research & development activities, and new product & service launches in the CMTS and CCAP market.

-□Market Development: Comprehensive information about lucrative markets; the report analyses the CMTS and CCAP market across various regions.

-□Market Diversification: Exhaustive information about new products & services, untapped geographies, recent developments, and investments in the CMTS and CCAP market.

-□Competitive Assessment: In-depth assessment of market share, growth strategies, and services, offering of leading players like CommScope (US), Cisco Systems, Inc. (US), Casa Systems (US), Harmonic Inc. (US), Nokia (Finland), among others in the CMTS and CCAP market.

Table of Contents:

1□INTRODUCTION□	26
1.1□STUDY OBJECTIVES□	26
1.2□MARKET DEFINITION□	27
1.3□INCLUSIONS AND EXCLUSIONS□	27
1.4□STUDY SCOPE□	28
1.4.1□MARKETS COVERED□	28

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

FIGURE 1	CMTS AND CCAP MARKET SEGMENTATION	28
1.4.2	REGIONAL SCOPE	28
FIGURE 2	CMTS AND CCAP MARKET: REGIONAL SCOPE	28
1.4.3	YEARS CONSIDERED	29
1.5	CURRENCY CONSIDERED	29
TABLE 1	USD EXCHANGE RATES	29
1.6	UNITS CONSIDERED	29
1.7	LIMITATIONS	29
1.8	STAKEHOLDERS	30
1.9	SUMMARY OF CHANGES	30
1.10	RECESSION IMPACT	31
2	RESEARCH METHODOLOGY	32
2.1	RESEARCH DATA	32
FIGURE 3	CMTS AND CCAP MARKET: RESEARCH DESIGN	32
2.1.1	SECONDARY AND PRIMARY RESEARCH	33
FIGURE 4	RESEARCH APPROACH	34
2.1.2	SECONDARY DATA	35
2.1.2.1	Key data from secondary sources	35
2.1.2.2	List of major secondary sources	35
2.1.3	PRIMARY DATA	36
2.1.3.1	Primary interviews with experts	36
2.1.3.2	Key data from primary sources	36
2.1.3.3	Key industry insights	37
2.1.3.4	Breakdown of primaries	37
2.2	MARKET SIZE ESTIMATION	38
FIGURE 5	MARKET SIZE ESTIMATION METHODOLOGY: APPROACH (SUPPLY SIDE): REVENUE GENERATED THROUGH SALES OF CMTS AND CCAP	38
2.2.1	BOTTOM-UP APPROACH	38
2.2.1.1	Approach to estimate market size using bottom-up analysis (supply side)	38
FIGURE 6	CMTS AND CCAP MARKET: BOTTOM-UP APPROACH	39
2.2.2	TOP-DOWN APPROACH	39
2.2.2.1	Approach to estimate market size using top-down analysis (demand side)	39
FIGURE 7	CMTS AND CCAP MARKET: TOP-DOWN APPROACH	40
2.3	MARKET BREAKDOWN AND DATA TRIANGULATION	40
FIGURE 8	DATA TRIANGULATION	40
2.4	RESEARCH ASSUMPTIONS	41
2.5	RESEARCH LIMITATIONS	41
2.6	PARAMETERS CONSIDERED TO ANALYZE IMPACT OF RECESSION ON CMTS AND CCAP MARKET	42
2.7	RISK ASSESSMENT	42
3	EXECUTIVE SUMMARY	43
FIGURE 9	CCAP TO ACCOUNT FOR MAJORITY OF MARKET SHARE THROUGHOUT FORECAST PERIOD	44
FIGURE 10	CMTS MARKET, BY TYPE, 2024 VS. 2029	45
FIGURE 11	DOCSIS 3.1 SEGMENT TO DOMINATE CMTS AND CCAP MARKET THROUGHOUT FORECAST PERIOD	45
FIGURE 12	ASIA PACIFIC TO RECORD HIGHEST CAGR DURING FORECAST PERIOD	46
4	PREMIUM INSIGHTS	47
4.1	ATTRACTIVE OPPORTUNITIES FOR PLAYERS IN CMTS AND CCAP MARKET	47
FIGURE 13	INCREASING INVESTMENT IN EXPANDING BROADBAND INFRASTRUCTURE TO DRIVE MARKET	47

4.2	CMTS AND CCAP MARKET, BY TYPE	47
FIGURE 14	CMTS SEGMENT TO REGISTER HIGHER CAGR IN CMTS AND CCAP MARKET DURING FORECAST PERIOD	47
4.3	CMTS AND CCAP MARKET, BY DOCSIS STANDARD	48
FIGURE 15	DOCSIS 3.1 SEGMENT TO HOLD LARGER SHARE OF CMTS AND CCAP MARKET IN 2029	48
4.4	CMTS MARKET, BY TYPE	48
FIGURE 16	VIRTUAL CMTS SEGMENT TO HOLD LARGER SHARE OF CMTS MARKET IN 2029	48
4.5	CMTS AND CCAP MARKET IN NORTH AMERICA, BY TYPE AND COUNTRY	49
FIGURE 17	CCAP SEGMENT AND US HELD LARGEST SHARES OF NORTH AMERICAN CMTS AND CCAP MARKET IN 2023	49
4.6	CMTS AND CCAP MARKET, BY COUNTRY	49
FIGURE 18	INDIA TO EXHIBIT HIGHEST CAGR IN GLOBAL CMTS AND CCAP MARKET DURING FORECAST PERIOD	49
5	MARKET OVERVIEW	50
5.1	INTRODUCTION	50
5.2	MARKET DYNAMICS	50
FIGURE 19	CMTS AND CCAP MARKET: DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES	50
5.2.1	DRIVERS	51
FIGURE 20	CMTS AND CCAP MARKET: IMPACT OF DRIVERS	51
5.2.1.1	Increasing investment in expanding broadband infrastructure	51
5.2.1.2	Advent of OTT platforms such as Netflix, Amazon Prime, Hulu	52
5.2.1.3	Emergence of DOCSIS 4.0	52
5.2.1.4	Rising adoption of virtual CMTS by internet service providers	53
5.2.2	RESTRAINTS	53
FIGURE 21	CMTS AND CCAP MARKET: IMPACT OF RESTRAINTS	53
5.2.2.1	High costs of infrastructure modification	53
5.2.3	OPPORTUNITIES	54
FIGURE 22	CMTS AND CCAP MARKET: IMPACT OF OPPORTUNITIES	54
5.2.3.1	Government focus on digitalization of cable networks	54
5.2.3.2	Integration of edge computing into CMTS and CCAP solutions	54
5.2.4	CHALLENGES	55
FIGURE 23	CMTS AND CCAP MARKET: IMPACT OF CHALLENGES	55
5.2.4.1	Challenges associated with mature market	55
5.3	VALUE CHAIN ANALYSIS	55
FIGURE 24	CMTS AND CCAP VALUE CHAIN	56
5.4	TRENDS/DISRUPTIONS IMPACTING BUSINESSES OF MARKET PLAYERS	57
5.4.1	TRENDS IMPACTING BUSINESSES OF MARKET PLAYERS	57
FIGURE 25	TRENDS IMPACTING CMTS AND CCAP BUSINESS	57
5.5	ECOSYSTEM ANALYSIS	58
FIGURE 26	KEY PLAYERS IN ECOSYSTEM	58
TABLE 2	ROLE OF COMPANIES IN ECOSYSTEM	58
5.6	PORTER'S FIVE FORCES ANALYSIS	60
TABLE 3	CMTS AND CCAP MARKET: PORTER'S FIVE FORCES ANALYSIS	60
FIGURE 27	PORTER'S FIVE FORCES ANALYSIS	60
5.6.1	THREAT OF NEW ENTRANTS	61
5.6.2	THREAT OF SUBSTITUTES	61
5.6.3	BARGAINING POWER OF SUPPLIERS	61
5.6.4	BARGAINING POWER OF BUYERS	61
5.6.5	INTENSITY OF COMPETITIVE RIVALRY	61
5.7	KEY STAKEHOLDERS AND BUYING CRITERIA	62

5.7.1 KEY STAKEHOLDERS IN BUYING PROCESS 62

FIGURE 28 INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS 62

TABLE 4 INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS, BY END USER (%) 62

5.7.2 BUYING CRITERIA 63

FIGURE 29 KEY BUYING CRITERIA FOR MAJOR APPLICATIONS 63

TABLE 5 KEY BUYING CRITERIA FOR MAJOR APPLICATIONS 63

5.8 CASE STUDY 64

5.8.1 USE OF DISAGGREGATED ROUTING IN 5G AND DATA TRANSPORT NETWORKS TO REDUCE CAPEX AND OPEX 64

5.8.2 ADOPTION OF DOCSIS 4.0 TECHNOLOGY TO MAXIMIZE UPSTREAM CAPACITY 64

5.8.3 DEPLOYMENT OF CCAP IN CREATING INTELLIGENT NETWORK TO HANDLE DATA AND UNICAST GROWING TRAFFIC 65

5.9 INVESTMENT AND FUNDING SCENARIO 65

FIGURE 30 INVESTMENT AND FUNDING SCENARIO FOR STARTUP COMPANIES 65

5.10 TECHNOLOGY ANALYSIS 66

5.10.1 KEY TECHNOLOGY 66

5.10.1.1 Distributed access architecture 66

5.10.1.2 Distributed power over ethernet 66

5.10.2 COMPLEMENTARY TECHNOLOGY 66

5.10.2.1 Network function virtualization (NFV) and software-defined networking (SDN) 66

5.10.3 ADJACENT TECHNOLOGY 67

5.10.3.1 DOCSIS 4.0 67

5.11 TRADE ANALYSIS 67

5.11.1 IMPORT DATA 67

FIGURE 31 IMPORT SCENARIO FOR HS CODE 851769-COMPLIANT PRODUCTS, BY COUNTRY, 2018-2022 67

TABLE 6 IMPORT SCENARIO FOR HS CODE 851769-COMPLIANT PRODUCTS, BY COUNTRY, 2018-2022 (USD THOUSAND) 68

5.11.2 EXPORT DATA 68

FIGURE 32 EXPORT SCENARIO FOR HS CODE 851769-COMPLIANT PRODUCTS, BY COUNTRY, 2018-2022 68

TABLE 7 EXPORT SCENARIO FOR HS CODE 851769-COMPLIANT PRODUCTS, BY COUNTRY, 2018-2022 (USD THOUSAND) 69

5.11.3 TARIFF ANALYSIS 69

TABLE 8 MFN TARIFF FOR HS CODE 851769-COMPLIANT PRODUCTS EXPORTED BY CHINA, 2022 69

TABLE 9 MFN TARIFF FOR HS CODE 851769-COMPLIANT PRODUCTS EXPORTED BY US, 2022 70

TABLE 10 MFN TARIFF FOR HS CODE 851769-COMPLIANT PRODUCTS EXPORTED BY GERMANY, 2022 70

TABLE 11 MFN TARIFF FOR HS CODE 851769-COMPLIANT PRODUCTS EXPORTED BY UK, 2022 70

5.12 PATENT ANALYSIS 71

TABLE 12 LIST OF MAJOR PATENTS, 2020-2023 71

FIGURE 33 NUMBER OF PATENTS GRANTED BETWEEN 2013 AND 2023 72

TABLE 13 TOP 30 PATENT OWNERS DURING 2013-2023 73

FIGURE 34 TOP 10 COMPANIES WITH MAXIMUM NUMBER OF PATENT APPLICATIONS DURING 2013-2023 74

5.13 REGULATIONS AND STANDARDS 74

5.13.1 GOVERNMENT REGULATIONS 74

5.13.1.1 Canada 74

5.13.1.2 Europe 74

5.13.1.3 India 74

TABLE 14 NORTH AMERICA: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS 75

TABLE 15 EUROPE: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS 76

TABLE 16 ASIA PACIFIC: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS 77

TABLE 17 ROW: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS 77

5.13.2 STANDARDS 78

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

5.13.2.1	DOCSIS 3.1	78
5.13.2.2	ITU-T J.122	78
5.13.2.3	ISO/IEC 8802-3 Ethernet standard	78
5.14	KEY CONFERENCES AND EVENTS, 2024-2025	78
TABLE 18	CMTS AND CCAP MARKET: DETAILED LIST OF CONFERENCES AND EVENTS	78
5.15	PRICING ANALYSIS	79
5.15.1	AVERAGE SELLING PRICE OF CMTS OFFERED BY KEY PLAYERS	79
FIGURE 35	AVERAGE SELLING PRICE OF CMTS, BY KEY PLAYER (USD)	79
TABLE 19	AVERAGE SELLING PRICE OF CMTS OFFERED BY KEY PLAYERS (USD)	80
5.15.2	AVERAGE SELLING PRICE TREND OF CMTS AND CCAP, BY REGION, 2020-2029	80
FIGURE 36	AVERAGE SELLING PRICE TREND OF CMTS AND CCAP, BY REGION, 2020-2029 (USD)	80
6	KEY APPLICATIONS OF CMTS AND CCAP SOLUTIONS	81
6.1	INTRODUCTION	81
6.2	CONSUMER	81
6.3	BUSINESS	81
7	CMTS AND CCAP MARKET, BY TYPE	82
7.1	INTRODUCTION	83
TABLE 20	CMTS AND CCAP MARKET, VALUE AND VOLUME, 2020-2023	83
TABLE 21	CMTS AND CCAP MARKET, VALUE AND VOLUME, 2024-2029	83
FIGURE 37	CCAP SEGMENT TO HOLD LARGER MARKET SHARE THROUGHOUT FORECAST PERIOD	83
TABLE 22	CMTS AND CCAP MARKET, BY TYPE, 2020-2023 (USD MILLION)	84
TABLE 23	CMTS AND CCAP MARKET, BY TYPE, 2024-2029 (USD MILLION)	84
7.2	CMTS	84
7.2.1	TRADITIONAL CMTS	84
7.2.1.1	Surging demand for high-speed internet access to drive market	84
7.2.2	VIRTUAL CMTS	85
7.2.2.1	Increasing need for network flexibility, scalability, and agility in delivering high-speed broadband services to fuel segmental growth	85
TABLE 24	CMTS MARKET, BY TYPE, 2020-2023 (USD MILLION)	85
TABLE 25	CMTS MARKET, BY TYPE, 2024-2029 (USD MILLION)	85
TABLE 26	CMTS MARKET, BY REGION, 2020-2023 (USD MILLION)	85
TABLE 27	CMTS MARKET, BY REGION, 2024-2029 (USD MILLION)	86
7.3	CCAP	86
7.3.1	FOCUS OF OTT SERVICE PROVIDERS ON DELIVERING CONTENT WITH HIGH RELIABILITY, LOW LATENCY, AND MINIMAL BUFFERING TO DRIVE MARKET	86
FIGURE 38	ASIA PACIFIC TO BE FASTEST-GROWING MARKET FOR CCAP BETWEEN 2024 AND 2029	87
TABLE 28	CCAP MARKET, BY REGION, 2020-2023 (USD MILLION)	87
TABLE 29	CCAP MARKET, BY REGION, 2024-2029 (USD MILLION)	87
8	CMTS AND CCAP MARKET, BY DOCSIS STANDARD	88
8.1	INTRODUCTION	89
FIGURE 39	DOCSIS 3.1 SEGMENT TO DOMINATE MARKET THROUGHOUT FORECAST PERIOD	89
TABLE 30	CMTS AND CCAP MARKET, BY CABLE STANDARD, 2020-2023 (USD MILLION)	89
TABLE 31	CMTS AND CCAP MARKET, BY CABLE STANDARD, 2024-2029 (USD MILLION)	89
8.2	DOCSIS 3.0 & BELOW	90
8.2.1	GROWING TREND OF HIGH-SPEED INTERNET ACCESS OVER CABLE NETWORKS TO DRIVE MARKET	90
TABLE 32	DOCSIS 3.0 & BELOW: CMTS AND CCAP MARKET, BY REGION, 2020-2023 (USD MILLION)	90
TABLE 33	DOCSIS 3.0 & BELOW: CMTS AND CCAP MARKET, BY REGION, 2024-2029 (USD MILLION)	90

8.3 DOCSIS 3.1 91

8.3.1 INCREASING DEMAND FOR SUPERIOR BROADBAND SERVICES TO DRIVE MARKET 91

TABLE 34 DOCSIS 3.1: CMTS AND CCAP MARKET, BY REGION, 2020-2023 (USD MILLION) 91

TABLE 35 DOCSIS 3.1: CMTS AND CCAP MARKET, BY REGION, 2024-2029 (USD MILLION) 91

9 CMTS AND CCAP MARKET, BY REGION 92

9.1 INTRODUCTION 93

FIGURE 40 ASIA PACIFIC MARKET TO GROW AT HIGHEST CAGR DURING FORECAST PERIOD 93

TABLE 36 CMTS AND CCAP MARKET, BY REGION, 2020-2023 (USD MILLION) 93

TABLE 37 CMTS AND CCAP MARKET, BY REGION, 2024-2029 (USD MILLION) 94

9.2 NORTH AMERICA 94

9.2.1 RECESSION IMPACT ON MARKET IN NORTH AMERICA 94

FIGURE 41 NORTH AMERICA: CMTS AND CCAP MARKET SNAPSHOT 95

TABLE 38 NORTH AMERICA: CMTS AND CCAP MARKET, BY TYPE, 2020-2023 (USD MILLION) 95

TABLE 39 NORTH AMERICA: CMTS AND CCAP MARKET, BY TYPE, 2024-2029 (USD MILLION) 96

TABLE 40 NORTH AMERICA: CMTS AND CCAP MARKET, BY CABLE STANDARD, 2020-2023 (USD MILLION) 96

TABLE 41 NORTH AMERICA: CMTS AND CCAP MARKET, BY CABLE STANDARD, 2024-2029 (USD MILLION) 96

TABLE 42 NORTH AMERICA: CMTS AND CCAP MARKET, BY COUNTRY, 2020-2023 (USD MILLION) 96

TABLE 43 NORTH AMERICA: CMTS AND CCAP MARKET, BY COUNTRY, 2024-2029 (USD MILLION) 97

9.2.2 US 97

9.2.2.1 Prominent presence of CMTS and CCAP technology providers to drive market 97

TABLE 44 US: CMTS AND CCAP MARKET, BY TYPE, 2020-2023 (USD MILLION) 97

TABLE 45 US: CMTS AND CCAP MARKET, BY TYPE, 2024-2029 (USD MILLION) 98

TABLE 46 US: CMTS AND CCAP MARKET, BY CABLE STANDARD, 2020-2023 (USD MILLION) 98

TABLE 47 US: CMTS AND CCAP MARKET, BY CABLE STANDARD, 2024-2029 (USD MILLION) 98

9.2.3 CANADA 98

9.2.3.1 Government initiatives to improve networking capabilities to fuel market growth 98

TABLE 48 CANADA: CMTS AND CCAP MARKET, BY TYPE, 2020-2023 (USD MILLION) 99

TABLE 49 CANADA: CMTS AND CCAP MARKET, BY TYPE, 2024-2029 (USD MILLION) 99

TABLE 50 CANADA: CMTS AND CCAP MARKET, BY CABLE STANDARD, 2020-2023 (USD MILLION) 99

TABLE 51 CANADA: CMTS AND CCAP MARKET, BY CABLE STANDARD, 2024-2029 (USD MILLION) 99

9.2.4 MEXICO 100

9.2.4.1 Significant demand for networking services to accelerate market growth 100

TABLE 52 MEXICO: CMTS AND CCAP MARKET, BY TYPE, 2020-2023 (USD MILLION) 100

TABLE 53 MEXICO: CMTS AND CCAP MARKET, BY TYPE, 2024-2029 (USD MILLION) 100

TABLE 54 MEXICO: CMTS AND CCAP MARKET, BY CABLE STANDARD, 2020-2023 (USD MILLION) 100

TABLE 55 MEXICO: CMTS AND CCAP MARKET, BY CABLE STANDARD, 2024-2029 (USD MILLION) 101

9.3 EUROPE 101

9.3.1 RECESSION IMPACT ON MARKET IN EUROPE 101

FIGURE 42 EUROPE: CMTS AND CCAP MARKET SNAPSHOT 102

TABLE 56 EUROPE: CMTS AND CCAP MARKET, BY TYPE, 2020-2023 (USD MILLION) 102

TABLE 57 EUROPE: CMTS AND CCAP MARKET, BY TYPE, 2024-2029 (USD MILLION) 103

TABLE 58 EUROPE: CMTS AND CCAP MARKET, BY CABLE STANDARD, 2020-2023 (USD MILLION) 103

TABLE 59 EUROPE: CMTS AND CCAP MARKET, BY CABLE STANDARD, 2024-2029 (USD MILLION) 103

TABLE 60 EUROPE: CMTS AND CCAP MARKET, BY COUNTRY, 2020-2023 (USD MILLION) 103

TABLE 61 EUROPE: CMTS AND CCAP MARKET, BY COUNTRY, 2024-2029 (USD MILLION) 104

9.3.2 GERMANY 104

9.3.2.1 Booming consumer electronics industry to boost demand 104

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

TABLE 62	GERMANY: CMTS AND CCAP MARKET, BY TYPE, 2020-2023 (USD MILLION)	104
TABLE 63	GERMANY: CMTS AND CCAP MARKET, BY TYPE, 2024-2029 (USD MILLION)	105
TABLE 64	GERMANY: CMTS AND CCAP MARKET, BY CABLE STANDARD, 2020-2023 (USD MILLION)	105
TABLE 65	GERMANY: CMTS AND CCAP MARKET, BY CABLE STANDARD, 2024-2029 (USD MILLION)	105
9.3.3 FRANCE 105		
9.3.3.1 Growing need for high-speed data transmission in datacom and telecom industries to drive market 105		
TABLE 66	FRANCE: CMTS AND CCAP MARKET, BY TYPE, 2020-2023 (USD MILLION)	105
TABLE 67	FRANCE: CMTS AND CCAP MARKET, BY TYPE, 2024-2029 (USD MILLION)	106
TABLE 68	FRANCE: CMTS AND CCAP MARKET, BY CABLE STANDARD, 2020-2023 (USD MILLION)	106
TABLE 69	FRANCE: CMTS AND CCAP MARKET, BY CABLE STANDARD, 2024-2029 (USD MILLION)	106
9.3.4 UK 106		
9.3.4.1 Rising demand for cloud-based services to drive market 106		
TABLE 70	UK: CMTS AND CCAP MARKET, BY TYPE, 2020-2023 (USD MILLION)	106
TABLE 71	UK: CMTS AND CCAP MARKET, BY TYPE, 2024-2029 (USD MILLION)	107
TABLE 72	UK: CMTS AND CCAP MARKET, BY CABLE STANDARD, 2020-2023 (USD MILLION)	107
TABLE 73	UK: CMTS AND CCAP MARKET, BY CABLE STANDARD, 2024-2029 (USD MILLION)	107
9.3.5 ITALY 107		
9.3.5.1 Increasing adoption of digital technology to foster market growth 107		
TABLE 74	ITALY: CMTS AND CCAP MARKET, BY TYPE, 2020-2023 (USD MILLION)	107
TABLE 75	ITALY: CMTS AND CCAP MARKET, BY TYPE, 2024-2029 (USD MILLION)	108
TABLE 76	ITALY: CMTS AND CCAP MARKET, BY CABLE STANDARD, 2020-2023 (USD MILLION)	108
TABLE 77	ITALY: CMTS AND CCAP MARKET, BY CABLE STANDARD, 2024-2029 (USD MILLION)	108
9.3.6 REST OF EUROPE 108		
TABLE 78	REST OF EUROPE: CMTS AND CCAP MARKET, BY TYPE, 2020-2023 (USD MILLION)	109
TABLE 79	REST OF EUROPE: CMTS AND CCAP MARKET, BY TYPE, 2024-2029 (USD MILLION)	109
TABLE 80	REST OF EUROPE: CMTS AND CCAP MARKET, BY CABLE STANDARD, 2020-2023 (USD MILLION)	109
TABLE 81	REST OF EUROPE: CMTS AND CCAP MARKET, BY CABLE STANDARD, 2024-2029 (USD MILLION)	109
9.4 ASIA PACIFIC 110		
9.4.1 RECESSION IMPACT ON MARKET IN ASIA PACIFIC 110		
FIGURE 43	ASIA PACIFIC: CMTS AND CCAP MARKET SNAPSHOT	111
TABLE 82	ASIA PACIFIC: CMTS AND CCAP MARKET, BY TYPE, 2020-2023 (USD MILLION)	111
TABLE 83	ASIA PACIFIC: CMTS AND CCAP MARKET, BY TYPE, 2024-2029 (USD MILLION)	112
TABLE 84	ASIA PACIFIC: CMTS AND CCAP MARKET, BY CABLE STANDARD, 2020-2023 (USD MILLION)	112
TABLE 85	ASIA PACIFIC: CMTS AND CCAP MARKET, BY CABLE STANDARD, 2024-2029 (USD MILLION)	112
TABLE 86	ASIA PACIFIC: CMTS AND CCAP MARKET, BY COUNTRY, 2020-2023 (USD MILLION)	112
TABLE 87	ASIA PACIFIC: CMTS AND CCAP MARKET, BY COUNTRY, 2024-2029 (USD MILLION)	113
9.4.2 CHINA 113		
9.4.2.1 Elevating demand for consumer electronic products to accelerate market growth 113		
TABLE 88	CHINA: CMTS AND CCAP MARKET, BY TYPE, 2020-2023 (USD MILLION)	114
TABLE 89	CHINA: CMTS AND CCAP MARKET, BY TYPE, 2024-2029 (USD MILLION)	114
TABLE 90	CHINA: CMTS AND CCAP MARKET, BY CABLE STANDARD, 2020-2023 (USD MILLION)	114
TABLE 91	CHINA: CMTS AND CCAP MARKET, BY CABLE STANDARD, 2024-2029 (USD MILLION)	114
9.4.3 JAPAN 115		
9.4.3.1 Increasing adoption of IoT and automation to drive market 115		
TABLE 92	JAPAN: CMTS AND CCAP MARKET, BY TYPE, 2020-2023 (USD MILLION)	115
TABLE 93	JAPAN: CMTS AND CCAP MARKET, BY TYPE, 2024-2029 (USD MILLION)	115
TABLE 94	JAPAN: CMTS AND CCAP MARKET, BY CABLE STANDARD, 2020-2023 (USD MILLION)	115

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

TABLE 95 JAPAN: CMTS AND CCAP MARKET, BY CABLE STANDARD, 2024-2029 (USD MILLION) 116

9.4.4 SOUTH KOREA 116

9.4.4.1 Thriving consumer electronics and automotive industries to drive market 116

TABLE 96 SOUTH KOREA: CMTS AND CCAP MARKET, BY TYPE, 2020-2023 (USD MILLION) 116

TABLE 97 SOUTH KOREA: CMTS AND CCAP MARKET, BY TYPE, 2024-2029 (USD MILLION) 116

TABLE 98 SOUTH KOREA: CMTS AND CCAP MARKET, BY CABLE STANDARD, 2020-2023 (USD MILLION) 117

TABLE 99 SOUTH KOREA: CMTS AND CCAP MARKET, BY CABLE STANDARD, 2024-2029 (USD MILLION) 117

9.4.5 INDIA 117

9.4.5.1 Rising number of data centers to fuel market growth 117

TABLE 100 INDIA: CMTS AND CCAP MARKET, BY TYPE, 2020-2023 (USD MILLION) 117

TABLE 101 INDIA: CMTS AND CCAP MARKET, BY TYPE, 2024-2029 (USD MILLION) 118

TABLE 102 INDIA: CMTS AND CCAP MARKET, BY CABLE STANDARD, 2020-2023 (USD MILLION) 118

TABLE 103 INDIA: CMTS AND CCAP MARKET, BY CABLE STANDARD, 2024-2029 (USD MILLION) 118

9.4.6 REST OF ASIA PACIFIC 118

TABLE 104 REST OF ASIA PACIFIC: CMTS AND CCAP MARKET, BY TYPE, 2020-2023 (USD MILLION) 118

TABLE 105 REST OF ASIA PACIFIC: CMTS AND CCAP MARKET, BY TYPE, 2024-2029 (USD MILLION) 119

TABLE 106 REST OF ASIA PACIFIC: CMTS AND CCAP MARKET, BY CABLE STANDARD, 2020-2023 (USD MILLION) 119

TABLE 107 REST OF ASIA PACIFIC: CMTS AND CCAP MARKET, BY CABLE STANDARD, 2024-2029 (USD MILLION) 119

9.5 REST OF THE WORLD (ROW) 119

9.5.1 RECESSION IMPACT ON MARKET IN ROW 119

TABLE 108 ROW: CMTS AND CCAP MARKET, BY TYPE, 2020-2023 (USD MILLION) 120

TABLE 109 ROW: CMTS AND CCAP MARKET, BY TYPE, 2024-2029 (USD MILLION) 120

TABLE 110 ROW: CMTS AND CCAP MARKET, BY CABLE STANDARD, 2020-2023 (USD MILLION) 120

TABLE 111 ROW: CMTS AND CCAP MARKET, BY CABLE STANDARD, 2024-2029 (USD MILLION) 120

TABLE 112 ROW: CMTS AND CCAP MARKET, BY GEOGRAPHY, 2020-2023 (USD MILLION) 120

TABLE 113 ROW: CMTS AND CCAP MARKET, BY GEOGRAPHY, 2024-2029 (USD MILLION) 121

9.5.2 GCC COUNTRIES 121

9.5.2.1 Rising adoption of 5G, AI, and IoT technologies to create growth opportunities 121

TABLE 114 GCC COUNTRIES: CMTS AND CCAP MARKET, BY TYPE, 2020-2023 (USD MILLION) 121

TABLE 115 GCC COUNTRIES: CMTS AND CCAP MARKET, BY TYPE, 2024-2029 (USD MILLION) 121

TABLE 116 GCC COUNTRIES: CMTS AND CCAP MARKET, BY CABLE STANDARD, 2020-2023 (USD MILLION) 122

TABLE 117 GCC COUNTRIES: CMTS AND CCAP MARKET, BY CABLE STANDARD, 2024-2029 (USD MILLION) 122

9.5.3 SOUTH AMERICA 122

9.5.3.1 Increasing use of smartphones and mobile networks to foster market growth 122

TABLE 118 SOUTH AMERICA: CMTS AND CCAP MARKET, BY TYPE, 2020-2023 (USD MILLION) 122

TABLE 119 SOUTH AMERICA: CMTS AND CCAP MARKET, BY TYPE, 2024-2029 (USD MILLION) 122

TABLE 120 SOUTH AMERICA: CMTS AND CCAP MARKET, BY CABLE STANDARD, 2020-2023 (USD MILLION) 123

TABLE 121 SOUTH AMERICA: CMTS AND CCAP MARKET, BY CABLE STANDARD, 2024-2029 (USD MILLION) 123

9.5.4 REST OF MEA 123

TABLE 122 REST OF MEA: CMTS AND CCAP MARKET, BY TYPE, 2020-2023 (USD MILLION) 123

TABLE 123 REST OF MEA: CMTS AND CCAP MARKET, BY TYPE, 2024-2029 (USD MILLION) 124

TABLE 124 REST OF MEA: CMTS AND CCAP MARKET, BY CABLE STANDARD, 2020-2023 (USD MILLION) 124

TABLE 125 REST OF MEA: CMTS AND CCAP MARKET, BY CABLE STANDARD, 2024-2029 (USD MILLION) 124

10 COMPETITIVE LANDSCAPE 125

10.1 OVERVIEW 125

10.2 STRATEGIES ADOPTED BY MAJOR PLAYERS 125

TABLE 126 CMTS AND CCAP MARKET: OVERVIEW OF STRATEGIES DEPLOYED BY KEY PLAYERS 125

10.3	REVENUE ANALYSIS OF TOP 5 PLAYERS, 2018-2022	127
FIGURE 44	CMTS AND CCAP MARKET: REVENUE ANALYSIS OF TOP 5 PLAYERS, 2018-2022	127
10.4	CMTS AND CCAP MARKET SHARE ANALYSIS, 2023	128
FIGURE 45	CMTS AND CCAP MARKET SHARE ANALYSIS, 2023	128
TABLE 127	CMTS AND CCAP MARKET: DEGREE OF COMPETITION, 2023	128
10.5	COMPANY VALUATION AND FINANCIAL METRICS	131
FIGURE 46	CMTS AND CCAP MARKET MAP	131
10.6	CMTS AND CCAP MARKET: FINANCIAL METRICS	131
FIGURE 47	FINANCIAL METRICS	131
10.7	CMTS AND CCAP MARKET: BRAND/PRODUCT COMPARATIVE ANALYSIS	132
FIGURE 48	TOP TRENDING BRANDS/PRODUCTS	132
10.8	COMPANY EVALUATION MATRIX: KEY PLAYERS, 2023	133
10.8.1	STARS	133
10.8.2	EMERGING LEADERS	133
10.8.3	PERVASIVE PLAYERS	133
10.8.4	PARTICIPANTS	133
FIGURE 49	CMTS AND CCAP MARKET: COMPANY EVALUATION MATRIX (KEY PLAYERS), 2023	134
10.8.5	COMPANY FOOTPRINT	135
10.8.5.1	Company footprint	135
FIGURE 50	CMTS AND CCAP MARKET: COMPANY FOOTPRINT	135
10.8.5.2	Type footprint	135
TABLE 128	CMTS AND CCAP MARKET: TYPE FOOTPRINT	135
10.8.5.3	DOCSIS standard footprint	136
TABLE 129	CMTS AND CCAP MARKET: DOCSIS STANDARD FOOTPRINT	136
10.8.5.4	Regional footprint	136
TABLE 130	CMTS AND CCAP MARKET: REGIONAL FOOTPRINT	136
10.9	COMPANY EVALUATION MATRIX: STARTUPS/SMES, 2023	137
10.9.1	PROGRESSIVE COMPANIES	137
10.9.2	RESPONSIVE COMPANIES	137
10.9.3	DYNAMIC COMPANIES	137
10.9.4	STARTING BLOCKS	137
FIGURE 51	CMTS AND CCAP MARKET: COMPANY EVALUATION MATRIX (STARTUPS/SMES), 2023	138
10.9.5	COMPETITIVE BENCHMARKING	139
10.9.5.1	Detailed list of key startups/SMEs	139
TABLE 131	CMTS AND CCAP MARKET: LIST OF KEY STARTUPS/SMES	139
10.9.5.2	Competitive benchmarking of key startups/SMEs	139
TABLE 132	CMTS AND CCAP MARKET: COMPETITIVE BENCHMARKING OF KEY STARTUPS/SMES	139
10.10	COMPETITIVE SCENARIO AND TRENDS	140
10.10.1	PRODUCT LAUNCHES	140
TABLE 133	CMTS AND CCAP MARKET: PRODUCT LAUNCHES, JANUARY 2020-FEBRUARY 2024	140
10.10.2	DEALS	141
TABLE 134	CMTS AND CCAP MARKET: DEALS, JANUARY 2020-FEBRUARY 2024	141
10.10.3	OTHERS	142
11	COMPANY PROFILES	143
11.1	KEY COMPANIES	143
	(Business Overview, Products/Services/Solutions Offered, MnM View, Key Strengths and Right to Win, Strategic Choices Made, Weaknesses and Competitive Threats, Recent Developments)*	

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

11.1.1	COMMSCOPE	143
TABLE 135	COMMSCOPE: COMPANY OVERVIEW	143
FIGURE 52	COMMSCOPE: COMPANY SNAPSHOT	144
TABLE 136	COMMSCOPE: PRODUCTS/SOLUTIONS/SERVICES OFFERED	144
TABLE 137	COMMSCOPE: PRODUCT LAUNCHES	146
11.1.2	CISCO SYSTEMS, INC.	149
TABLE 138	CISCO SYSTEMS, INC.: COMPANY OVERVIEW	149
FIGURE 53	CISCO SYSTEMS, INC.: COMPANY SNAPSHOT	150
TABLE 139	CISCO SYSTEMS, INC.: PRODUCTS/SOLUTIONS/SERVICES OFFERED	150
TABLE 140	CISCO SYSTEMS, INC.: DEALS	151
11.1.3	CASA SYSTEMS	153
TABLE 141	CASA SYSTEMS: COMPANY OVERVIEW	153
FIGURE 54	CASA SYSTEMS: COMPANY SNAPSHOT	154
TABLE 142	CASA SYSTEMS: PRODUCTS/SOLUTIONS/SERVICES OFFERED	154
TABLE 143	CASA SYSTEMS: PRODUCT LAUNCHES	155
TABLE 144	CASA SYSTEMS: DEALS	155
11.1.4	HARMONIC INC.	157
TABLE 145	HARMONIC INC.: COMPANY OVERVIEW	157
FIGURE 55	HARMONIC INC.: COMPANY SNAPSHOT	158
TABLE 146	HARMONIC INC.: PRODUCTS/SOLUTIONS/SERVICES OFFERED	158
TABLE 147	HARMONIC INC.: PRODUCT LAUNCHES	159
TABLE 148	HARMONIC INC.: DEALS	159
TABLE 149	HARMONIC INC.: EXPANSIONS	160
11.1.5	HUAWEI TECHNOLOGIES CO., LTD.	161
TABLE 150	HUAWEI TECHNOLOGIES CO., LTD.: COMPANY OVERVIEW	161
TABLE 151	HUAWEI TECHNOLOGIES CO., LTD.: PRODUCTS/SOLUTIONS/SERVICES OFFERED	161
TABLE 152	HUAWEI TECHNOLOGIES CO., LTD.: PRODUCT LAUNCHES	163
TABLE 153	HUAWEI TECHNOLOGIES CO., LTD.: EXPANSIONS	163
11.1.6	NOKIA	165
TABLE 154	NOKIA: COMPANY OVERVIEW	165
FIGURE 56	NOKIA: COMPANY SNAPSHOT	166
TABLE 155	NOKIA: PRODUCTS/SOLUTIONS/SERVICES OFFERED	166
TABLE 156	NOKIA: PRODUCT LAUNCHES	167
TABLE 157	NOKIA: DEALS	167
TABLE 158	NOKIA: OTHERS	168
11.1.7	BROADCOM	169
TABLE 159	BROADCOM: COMPANY OVERVIEW	169
FIGURE 57	BROADCOM: COMPANY SNAPSHOT	170
TABLE 160	BROADCOM: PRODUCTS/SOLUTIONS/SERVICES OFFERED	170
TABLE 161	BROADCOM: PRODUCT LAUNCHES	171
11.1.8	JUNIPER NETWORKS, INC.	172
TABLE 162	JUNIPER NETWORKS, INC.: COMPANY OVERVIEW	172
FIGURE 58	JUNIPER NETWORKS, INC.: COMPANY SNAPSHOT	173
TABLE 163	JUNIPER NETWORKS, INC.: PRODUCTS/SOLUTIONS/SERVICES OFFERED	173
TABLE 164	JUNIPER NETWORKS, INC.: PRODUCT LAUNCHES	174
TABLE 165	JUNIPER NETWORKS, INC.: EXPANSIONS	175
11.1.9	JINGHONG V & T TECHNOLOGY CO., LTD.	176

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

TABLE 166 JINGHONG V & T TECHNOLOGY CO., LTD.: COMPANY OVERVIEW 176

TABLE 167 JINGHONG V & T TECHNOLOGY CO., LTD.: PRODUCTS/SOLUTIONS/SERVICES OFFERED 176

11.1.10 SUMAVISION 177

TABLE 168 SUMAVISION: COMPANY OVERVIEW 177

TABLE 169 SUMAVISION: PRODUCTS/SOLUTIONS/SERVICES OFFERED 177

*Business Overview, Products/Services/Solutions Offered, MnM View, Key Strengths and Right to Win, Strategic Choices Made, Weaknesses and Competitive Threats, Recent Developments might not be captured in case of unlisted companies.

11.2 OTHER KEY PLAYERS 179

11.2.1 BLONDER TONGUE LABORATORIES, INC. 179

11.2.2 VERSA TECHNOLOGY, INC. 180

11.2.3 C9 NETWORKS INC. 180

11.2.4 VECIMA NETWORKS INC. 181

11.2.5 TELESTE 182

11.2.6 GENXCOMM, INC. 183

11.2.7 THE VOLPE FIRM 183

11.2.8 CREONIC GMBH 184

11.2.9 INANGO SYSTEMS LTD. 185

11.2.10 INFINERA CORPORATION 186

11.2.11 CABLELABS 187

11.2.12 LEADMAN ELECTRONICS USA, INC. 188

11.2.13 ZCOURM 188

11.2.14 CALIX 189

11.2.15 AUSTRALIA'S NATIONAL BROADBAND NETWORK (NBN AUSTRALIA) 189

12 APPENDIX 190

12.1 DISCUSSION GUIDE 190

12.2 KNOWLEDGESTORE: MARKETSANDMARKETS' SUBSCRIPTION PORTAL 193

12.3 CUSTOMIZATION OPTIONS 195

12.4 RELATED REPORTS 195

12.5 AUTHOR DETAILS 196

Cable Modem Termination System (CTMS) and Converged Cable Access Platform (CCAP) Market by Type (CMTS (traditional CMTS, Virtual CMTS) and CCAP), DOCSIS Standard (DOCSIS 3.1 and DOCSIS 3.0 and Below) and Geography- Global Forecast to 2029

Market Report | 2024-03-13 | 190 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*	<input type="text"/>	Country*	<input type="text"/>
		Date	2025-05-20
		Signature	<div></div>