

Global Mainframe Market - Industry Trends and Forecast to 2030

Market Report | 2023-05-01 | 363 pages | Data Bridge Market Research

AVAILABLE LICENSES:

- Single User License \$4800.00
- Corporate Users License \$7000.00

Report description:

The global mainframe market is expected to reach USD 7,089,245.17 thousand in 2030 from USD 5,175,414.63 thousand in 2022, growing at a CAGR of 4.1% in the forecast period of 2023 to 2030.

Market Segmentation:

Global Mainframe Market, By Offering (Hardware, Software, and Services), Application (Census Industry, Consumer Statics, ERP, and Transaction), Organization Size (Large Enterprises and Small and Medium-Sized Enterprises), End User (BFSI, IT and Telecom, Government and Public Sector, Retail, Travel and Transportation, Manufacturing, and Others), Region (North America, South America, Europe, Asia-Pacific and Middle East and Africa) - Market Trends and Forecast To 2030

Overview of Global Mainframe Market Dynamics:

Driver

- Increased demand for computers with high-performance capabilities

Restrain

- High upfront cost

Opportunity

- Increasing adoption of mainframe modernization

Challenge

- Inadequate availability of UI/development tools

Market Players:

Some of the major players operating in the global mainframe market are:

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- IBM
- Broadcom
- DXC Technology Company
- Hewlett Packard Enterprise Development LP
- Hitachi Vantara LLC
- Accenture
- Atose SE
- BMC Software, Inc.
- Cognizant
- CPT Global
- CSI International
- Dell Inc.
- Fujitsu
- HCL Technologies Limited
- Infinidat
- Infosys Limited
- ISI Australia
- Kinetic IT
- Kyndryl Inc.
- LZ tabs
- Mainframe Cloud Pty Ltd
- NEC Corporation
- Rocket Software, Inc.
- Software AG
- Software Diversified Services
- Software Engineering of America, Inc.
- TATA Consultancy Services Limited
- UNICOM Systems, Inc.
- Unisys
- Wipro

Table of Contents:

| | |
|---|----|
| TABLE OF CONTENTS | |
| 1 INTRODUCTION | 37 |
| 1.1 OBJECTIVES OF THE STUDY | 37 |
| 1.2 MARKET DEFINITION | 37 |
| 1.3 OVERVIEW OF THE GLOBAL MAINFRAME MARKET | 37 |
| 1.4 CURRENCY AND PRICING | 39 |
| 1.5 LIMITATIONS | 39 |
| 1.6 MARKETS COVERED | 39 |
| 2 MARKET SEGMENTATION | 42 |
| 2.1 MARKETS COVERED | 42 |
| 2.2 YEARS CONSIDERED FOR THE STUDY | 43 |
| 2.3 GEOGRAPHIC SCOPE | 44 |

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

| | |
|--|----|
| 2.4 DBMR TRIPOD DATA VALIDATION MODEL | 45 |
| 2.5 PRIMARY INTERVIEWS WITH KEY OPINION LEADERS | 48 |
| 2.6 DBMR MARKET POSITION GRID | 49 |
| 2.7 VENDOR SHARE ANALYSIS | 50 |
| 2.8 MULTIVARIATE MODELLING | 51 |
| 2.9 OFFERING TIMELINE CURVE | 52 |
| 2.10 MARKET END USE COVERAGE GRID | 53 |
| 2.11 SECONDARY SOURCES | 54 |
| 2.12 ASSUMPTIONS | 54 |
| 3 EXECUTIVE SUMMARY | 55 |
| 4 PREMIUM INSIGHTS | 60 |
| 4.1 COMPARISON OF MAINFRAME VS CROWDSOURCED TESTING | 61 |
| 4.2 GLOBAL SHIPMENT OF Z SERVER | 62 |
| 5 MARKET OVERVIEW | 64 |
| 5.1 DRIVER | 66 |
| 5.1.1 INCREASED DEMAND FOR COMPUTERS WITH HIGH-PERFORMANCE CAPABILITIES | 66 |
| 5.1.2 EMERGENCE OF APPLICATION OF MAINFRAME IN NEW TECHNOLOGIES | 67 |
| 5.1.3 HIGH RELIABILITY, SCALABILITY, AND STABILITY OFFERED BY MAINFRAME | 68 |
| 5.1.4 REQUIREMENT OF MAINFRAME TO DEFEND AGAINST GROWING RATE OF CYBER-ATTACKS AND DATA BREACHES | 69 |
| 5.1.5 UPSERGE OF DIGITALIZATION IN VARIOUS INDUSTRIES | 70 |
| 5.2 RESTRAINTS | 71 |
| 5.2.1 HIGH UPFRONT COST | 71 |
| 5.2.2 COMPETITION FROM CLOUD-BASED PLATFORMS | 72 |
| 5.3 OPPORTUNITIES | 73 |
| 5.3.1 INCREASING ADOPTION OF MAINFRAME MODERNIZATION | 73 |
| 5.3.2 INCREASING USE OF HYBRID CLOUD SOLUTIONS | 76 |
| 5.4 CHALLENGES | 77 |
| 5.4.1 INVOLVEMENT OF COMPLEXITY IN UI/DEVELOPMENT TOOLS | 77 |
| 5.4.2 LACK OF TECHNICAL EXPERTISE | 78 |
| 6 GLOBAL MAINFRAME MARKET, BY OFFERING | 79 |
| 6.1 OVERVIEW | 80 |
| 6.2 HARDWARE | 81 |
| 6.2.1 Z SYSTEM | 81 |
| 6.2.2 GS 21 SERIES | 81 |
| 6.2.3 OTHERS | 81 |
| 6.3 SERVICES | 81 |
| 6.3.1 PROFESSIONAL SERVICES | 82 |
| 6.3.1.1 INTEGRATION AND DEPLOYMENT | 82 |
| 6.3.1.2 CONSULTING | 83 |
| 6.3.1.3 SUPPORT AND MAINTENANCE | 83 |
| 6.3.2 MANAGED SERVICES | 83 |
| 6.4 SOFTWARE | 83 |
| 7 GLOBAL MAINFRAME MARKET, BY APPLICATION | 84 |
| 7.1 OVERVIEW | 85 |
| 7.2 TRANSACTION | 86 |
| 7.3 ERP | 86 |
| 7.4 CENSUS INDUSTRY | 87 |

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

| | | |
|---------|---|-----|
| 7.5 | CONSUMER STATICS | 87 |
| 8 | GLOBAL MAINFRAME MARKET, BY ORGANIZATION SIZE | 88 |
| 8.1 | OVERVIEW | 89 |
| 8.2 | LARGE ENTERPRISES | 90 |
| 8.3 | SMALL AND MEDIUM-SIZED ENTERPRISES | 90 |
| 9 | GLOBAL MAINFRAME MARKET, BY END USE | 91 |
| 9.1 | OVERVIEW | 92 |
| 9.2 | BFSI | 93 |
| 9.2.1 | LARGE ENTERPRISES | 93 |
| 9.2.2 | SMALL AND MEDIUM-SIZED ENTERPRISES | 93 |
| 9.3 | IT AND TELECOM | 94 |
| 9.3.1 | LARGE ENTERPRISES | 94 |
| 9.3.2 | SMALL AND MEDIUM-SIZED ENTERPRISES | 94 |
| 9.4 | HEALTHCARE | 95 |
| 9.4.1 | LARGE ENTERPRISES | 95 |
| 9.4.2 | SMALL AND MEDIUM-SIZED ENTERPRISES | 95 |
| 9.5 | GOVERNMENT AND PUBLIC SECTOR | 95 |
| 9.5.1 | LARGE ENTERPRISES | 96 |
| 9.5.2 | SMALL AND MEDIUM-SIZED ENTERPRISES | 96 |
| 9.6 | RETAIL | 96 |
| 9.6.1 | LARGE ENTERPRISES | 97 |
| 9.6.2 | SMALL AND MEDIUM-SIZED ENTERPRISES | 97 |
| 9.7 | TRAVEL AND TRANSPORTATION | 97 |
| 9.7.1 | LARGE ENTERPRISES | 98 |
| 9.7.2 | SMALL AND MEDIUM-SIZED ENTERPRISES | 98 |
| 9.8 | MANUFACTURING | 98 |
| 9.8.1 | LARGE ENTERPRISES | 99 |
| 9.8.2 | SMALL AND MEDIUM-SIZED ENTERPRISES | 99 |
| 9.9 | OTHERS | 99 |
| 10 | GLOBAL MAINFRAME MARKET, BY REGION | 101 |
| 10.1 | OVERVIEW | 102 |
| 10.2 | NORTH AMERICA | 109 |
| 10.2.1 | U.S. | 116 |
| 10.2.2 | CANADA | 120 |
| 10.2.3 | MEXICO | 124 |
| 10.3 | EUROPE | 128 |
| 10.3.1 | U.K. | 136 |
| 10.3.2 | GERMANY | 141 |
| 10.3.3 | FRANCE | 146 |
| 10.3.4 | ITALY | 151 |
| 10.3.5 | SPAIN | 156 |
| 10.3.6 | RUSSIA | 161 |
| 10.3.7 | NETHERLAND | 166 |
| 10.3.8 | SWITZERLAND | 171 |
| 10.3.9 | TURKEY | 176 |
| 10.3.10 | BELGIUM | 181 |
| 10.3.11 | REST OF EUROPE | 186 |

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- 10.4 ASIA-PACIFIC 187
 - 10.4.1 CHINA 194
 - 10.4.2 JAPAN 198
 - 10.4.3 INDIA 202
 - 10.4.4 SOUTH KOREA 206
 - 10.4.5 AUSTRALIA 210
 - 10.4.6 SINGAPORE 214
 - 10.4.7 MALAYSIA 218
 - 10.4.8 THAILAND 222
 - 10.4.9 INDONESIA 226
 - 10.4.10 PHILIPPINES 230
 - 10.4.11 REST OF ASIA-PACIFIC 234
- 10.5 SOUTH AMERICA 235
 - 10.5.1 BRAZIL 243
 - 10.5.2 ARGENTINA 248
 - 10.5.3 REST OF SOUTH AMERICA 253
- 10.6 MIDDLE EAST AND AFRICA 254
 - 10.6.1 SAUDI ARABIA 261
 - 10.6.2 U.A.E 265
 - 10.6.3 ISRAEL 269
 - 10.6.4 SOUTH AFRICA 273
 - 10.6.5 EGYPT 277
 - 10.6.6 REST OF MIDDLE EAST AND AFRICA 281
- 11 GLOBAL MAINFRAME MARKET: COMPANY LANDSCAPE 282
 - 11.1 COMPANY SHARE ANALYSIS: GLOBAL 282
 - 11.2 COMPANY SHARE ANALYSIS: NORTH AMERICA 283
 - 11.3 COMPANY SHARE ANALYSIS: ASIA-PACIFIC 284
 - 11.4 COMPANY SHARE ANALYSIS: EUROPE 285
- 12 SWOT ANALYSIS 286
- 13 COMPANY PROFILES 287
 - 13.1 IBM CORPORATION 287
 - 13.1.1 COMPANY SNAPSHOT 287
 - 13.1.2 REVENUE ANALYSIS 287
 - 13.1.3 COMPANY SHARE ANALYSIS 288
 - 13.1.4 PRODUCT PORTFOLIO 288
 - 13.1.5 RECENT DEVELOPMENTS 288
 - 13.2 BROADCOM 290
 - 13.2.1 COMPANY SNAPSHOT 290
 - 13.2.2 REVENUE ANALYSIS 290
 - 13.2.3 COMPANY SHARE ANALYSIS 291
 - 13.2.4 SOLUTION PORTFOLIO 291
 - 13.2.5 RECENT DEVELOPMENTS 292
 - 13.3 DXC TECHNOLOGY COMPANY 295
 - 13.3.1 COMPANY SNAPSHOT 295
 - 13.3.2 REVENUE ANALYSIS 295
 - 13.3.3 COMPANY SHARE ANALYSIS 296
 - 13.3.4 SERVICE PORTFOLIO 296

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

| | |
|--|-----|
| 13.3.5 RECENT DEVELOPMENTS | 296 |
| 13.4 HITACHI VANTARA LLC | 298 |
| 13.4.1 COMPANY SNAPSHOT | 298 |
| 13.4.2 REVENUE ANALYSIS | 298 |
| 13.4.3 COMPANY SHARE ANALYSIS | 299 |
| 13.4.4 PRODUCTS PORTFOLIO | 299 |
| 13.4.5 RECENT DEVELOPMENTS | 299 |
| 13.5 HEWLETT PACKARD ENTERPRISE DEVELOPMENT LP | 301 |
| 13.5.1 COMPANY SNAPSHOT | 301 |
| 13.5.2 REVENUE ANALYSIS | 301 |
| 13.5.3 COMPANY SHARE ANALYSIS | 302 |
| 13.5.4 SOLUTION PORTFOLIO | 302 |
| 13.5.5 RECENT DEVELOPMENTS | 302 |
| 13.6 ACCENTURE | 304 |
| 13.6.1 COMPANY SNAPSHOT | 304 |
| 13.6.2 REVENUE ANALYSIS | 304 |
| 13.6.3 SOLUTION PORTFOLIO | 305 |
| 13.6.4 RECENT DEVELOPMENTS | 305 |
| 13.7 ATOS SE | 306 |
| 13.7.1 COMPANY SNAPSHOT | 306 |
| 13.7.2 REVENUE ANALYSIS | 306 |
| 13.7.3 SOLUTION PORTFOLIO | 307 |
| 13.7.4 RECENT DEVELOPMENTS | 307 |
| 13.8 BMC SOFTWARE INC. | 309 |
| 13.8.1 COMPANY SNAPSHOT | 309 |
| 13.8.2 SOLUTION PORTFOLIO | 309 |
| 13.8.3 RECENT DEVELOPMENTS | 309 |
| 13.9 COGNIZANT | 311 |
| 13.9.1 COMPANY SNAPSHOT | 311 |
| 13.9.2 REVENUE ANALYSIS | 311 |
| 13.9.3 SERVICE PORTFOLIO | 312 |
| 13.9.4 RECENT DEVELOPMENTS | 312 |
| 13.10 CPT GLOBAL | 313 |
| 13.10.1 COMPANY SNAPSHOT | 313 |
| 13.10.2 REVENUE ANALYSIS | 313 |
| 13.10.3 SERVICE PORTFOLIO | 314 |
| 13.10.4 RECENT DEVELOPMENTS | 314 |
| 13.11 CSI INTERNATIONAL | 315 |
| 13.11.1 COMPANY SNAPSHOT | 315 |
| 13.11.2 PRODUCT PORTFOLIO | 315 |
| 13.11.3 RECENT DEVELOPMENTS | 316 |
| 13.12 DELL INC. | 317 |
| 13.12.1 COMPANY SNAPSHOT | 317 |
| 13.12.2 REVENUE ANALYSIS | 317 |
| 13.12.3 PRODUCT PORTFOLIO | 318 |
| 13.12.4 RECENT DEVELOPMENTS | 318 |
| 13.13 FUJITSU | 319 |

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

| | | |
|---------|--------------------------|-----|
| 13.13.1 | COMPANY SNAPSHOT | 319 |
| 13.13.2 | REVENUE ANALYSIS | 320 |
| 13.13.3 | PRODUCT PORTFOLIO | 321 |
| 13.13.4 | RECENT DEVELOPMENTS | 321 |
| 13.14 | HCL TECHNOLOGIES LIMITED | 322 |
| 13.14.1 | COMPANY SNAPSHOT | 322 |
| 13.14.2 | REVENUE ANALYSIS | 322 |
| 13.14.3 | SERVICE PORTFOLIO | 323 |
| 13.14.4 | RECENT DEVELOPMENTS | 323 |
| 13.15 | INFINIDAT | 324 |
| 13.15.1 | COMPANY SNAPSHOT | 324 |
| 13.15.2 | PRODUCT PORTFOLIO | 324 |
| 13.15.3 | RECENT DEVELOPMENTS | 324 |
| 13.16 | INFOSYS LIMITED | 326 |
| 13.16.1 | COMPANY SNAPSHOT | 326 |
| 13.16.2 | REVENUE ANALYSIS | 326 |
| 13.16.3 | PRODUCT PORTFOLIO | 327 |
| 13.16.4 | RECENT DEVELOPMENTS | 327 |
| 13.17 | ISI AUSTRALIA | 328 |
| 13.17.1 | COMPANY SNAPSHOT | 328 |
| 13.17.2 | SERVICE PORTFOLIO | 328 |
| 13.17.3 | RECENT DEVELOPMENTS | 328 |
| 13.18 | KINETIC IT | 329 |
| 13.18.1 | COMPANY SNAPSHOT | 329 |
| 13.18.2 | SERVICE PORTFOLIO | 329 |
| 13.18.3 | RECENT DEVELOPMENTS | 329 |
| 13.19 | KYNDRYL, INC. | 330 |
| 13.19.1 | COMPANY SNAPSHOT | 330 |
| 13.19.2 | REVENUE ANALYSIS | 330 |
| 13.19.3 | SOLUTION PORTFOLIO | 331 |
| 13.19.4 | RECENT DEVELOPMENTS | 331 |
| 13.20 | LZLABS | 333 |
| 13.20.1 | COMPANY SNAPSHOT | 333 |
| 13.20.2 | SOLUTION PORTFOLIO | 333 |
| 13.20.3 | RECENT DEVELOPMENTS | 333 |
| 13.21 | MAINFRAME CLOUD PTY LTD | 335 |
| 13.21.1 | COMPANY SNAPSHOT | 335 |
| 13.21.2 | SOLUTION PORTFOLIO | 335 |
| 13.21.3 | RECENT DEVELOPMENTS | 336 |
| 13.22 | NEC CORPORATION | 337 |
| 13.22.1 | COMPANY SNAPSHOT | 337 |
| 13.22.2 | REVENUE ANALYSIS | 337 |
| 13.22.3 | PRODUCT PORTFOLIO | 338 |
| 13.22.4 | RECENT DEVELOPMENTS | 338 |
| 13.23 | ROCKET SOFTWARE | 340 |
| 13.23.1 | COMPANY SNAPSHOT | 340 |
| 13.23.2 | PRODUCT PORTFOLIO | 340 |

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- 13.23.3 RECENT DEVELOPMENTS 341
- 13.24 SOFTWARE AG 342
- 13.24.1 COMPANY SNAPSHOT 342
- 13.24.2 REVENUE ANALYSIS 342
- 13.24.3 PRODUCT PORTFOLIO 343
- 13.24.4 RECENT DEVELOPMENTS 343

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

Global Mainframe Market - Industry Trends and Forecast to 2030

Market Report | 2023-05-01 | 363 pages | Data Bridge Market Research

To place an Order with Scotts International:

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

ORDER FORM:

| Select license | License | Price |
|----------------|-------------------------|-----------|
| | Single User License | \$4800.00 |
| | Corporate Users License | \$7000.00 |
| | | VAT |
| | | Total |

*Please circle the relevant license option. For any questions please contact support@scott's-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"/> |
| Zip Code* | <input type="text"/> | Country* | <input type="text"/> |
| | | Date | <input type="text" value="2026-03-10"/> |
| | | Signature | <input type="text"/> |

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scott's-international.com

www.scott's-international.com