Cloud Native Computing Intelligence Service

Part of the Cloud & Data Center Service Area Package
Comprehensive insight and analysis of the software ecosystem that enables application development using cloud native APIs with a focus on Kubernetes.

“With the increased use of cloud services, application developers needed increased application portability, driving the creating of a new software ecosystem centred around containers and Kubernetes.”

Vlad Galabov
Research Director
Cloud Native Computing Intelligence Service

Part of the Cloud & Data Center Service Area Package

KEY QUESTIONS ANSWERED

• What tools can aid and improve Cloud Native Computing?
• Who are the biggest container management platform vendors and how have they differentiated?
• What delivery models have vendors adopted for their software?
• Who’s partnering with who and why?

H OW OMDIA HELPS YOU

• Understand Cloud Native Computing market growth
• Understand key vendor selection criteria for enterprises deploying tools that enable application development using cloud native APIs
• Get perspective on migration of IT budgets
• Get perspective on market consolidation
• Understand what middleware tools are available for developers
• Double click on key open-source software development initiative and milestones

NEW ENHANCEMENTS

• New Omdia Universe vendor comparison report
• New end-user survey
• Topical reports on the Cloud Native Computing ecosystem including middleware tools
• New “Trends to Watch” report

Container software market ($ USD)

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Historical

Forecast

CY18 CY19 CY20 CY21 CY22 CY23 CY24 CY25
Cloud Native Computing Intelligence Service: Our Experts

Vlad Galabov
Research Director
- Open computing
- Hyperscale cloud service providers
- Semiconductor development

Roy Illsley
Chief Analyst
- IT operations
- Application delivery
- Disruptive software technologies

Moises Levy
Principal Analyst
- Power and cooling
- Energy efficiency
- Data center sustainability

Alan Howard
Principal Analyst
- Colocation services
- Data center investment
- Location & construction strategies

Manoj Sukumaran
Principal Analyst
- Compute systems
- Data center networks
- Disruptive hardware technologies

Dennis Hahn
Principal Analyst
- Storage systems
- Data management
- Software-defined storage

Vijendra Krishnamurthy
Senior Analyst
- Data center racks
- Rack power distribution
- Micro data centers

Dominika Koncewicz
Senior Analyst
- SD-WAN platforms
- SASE & SD-WAN aaS
- Network service consolidation

Nicole Tuggle
Research Analyst
- rPDU vendor share
- UPS hardware & service vendor share

Keith Kirkpatrick
Principal Analyst
- Quantum computing
- High performance computing

Currently Recruiting
- Kubernetes
- Cloud Native Computing

Currently Recruiting
- Cloud services
- Data center buildout
Cloud Native Computing IS: Deliverables

**MARKET TRACKERS**
—Annual—
- Cloud Native Computing Tracker

**SURVEYS & REPORTS**
—Annual—
- Omdia Universe: Container Management Platforms
- Cloud Native Computing Ecosystem
- Cloud Native Computing Strategies – End-user Survey
- Market Landscape: Middleware Tools for Cloud Native Software Developers
  - “Trends to Watch”

**ANALYST INSIGHTS**
—Ongoing—
Analyst commentary on market shifts, technology and regional developments, vendors, events, and more.

**BRIEFINGS**
—Biannual—
Biannual scheduled briefings with analysts on research highlights from all aspects of the market.

**ANALYST ACCESS**
—Ongoing—
For prompt responses to urgent and unique questions.
Cloud Native Computing Tracker

Provides a comprehensive overview of the software ecosystem that enables application development using cloud native APIs. Presents market size, share and forecasts by product type.

**DETAILS**

- **Frequency:** Annual
- **Measures**
  - Revenues
  - Worldwide
- **Regions**
- **Delivery Model**
  - As a service
  - Commercial License

**COVERAGE**

- **Product Types**
  - Container Software Platforms
    - Container Runtime
    - Container Management
  - Service Mesh
  - Container Security
  - Middleware Tools
  - Other

The new Cloud Native Computing Tracker will build upon our established databases formed as a part of our discontinued Multi-tenant Server Software Tracker.

We’re excited to be partnering with all major software vendors to ensure this report provides extremely accurate market share and forecast out to 2025.

Vlad Galabov
Research Director
Cloud Native Computing IS: Reports

Cloud Native Computing Ecosystem
With the increased use cloud services, application developers needed increased application portability, driving the creating of a new software ecosystem centred around containers and Kubernetes. With this report we will synthesise a structured view of the different software components available to developers today and highlight what is underway.

Cloud Native Computing Strategies – End-user Survey
Interviews with at least 150 IT buyers, influences and decision makers at enterprises in at least two major countries. Survey explores investment drivers and barriers to adoption of tools that enables application development using cloud native APIs. We will also expose purchasing strategies and top use cases.

Omdia Universe: Container Management Platforms
This report analyzes, evaluates, and compares the leading container management platform vendors to allow the reader to obtain a perspective on the state of the container management market and the strengths of the players in it.

Market Landscape: Middleware Tools for Cloud Native Software Developers
An review of the middleware tools available to developers of applications using cloud native APIs, including a summary of the major vendors.

2023 Trends to Watch: Cloud Native Computing
Our experts summarize what the industry should be looking out for in the next year.
About Omdia’s Cloud & Data Center Research

Omdia provides deep analysis of worldwide compute technologies – from cloud to the edge. Detailed and data-rich intelligence services cover all aspects of data center IT and physical infrastructure, software, cloud & colocation services, and the strategies required to manage the entire IT ecosystem.

Omdia’s expert team of cloud and data center analysts provide strategic guidance, steeped in a robust foundation of data, to both vendors and technology decision makers. Omdia has consistently been 1st to market capturing market disruptions and technology transitions, helping IT decision makers and their vendors succeed in navigating these transitions. For technology decision makers, Omdia also provides guidance on vendor selection and best practices for management of IT operations.

The Cloud & Data Center team provides market analysis in the form of quarterly datasets with size, share and forecasts, end-user surveys, vendor assessments and personalized consulting.
Our “Ask an Analyst” Service Provides Best in Class Customer Support

Whether you need guidance to navigate the service, information regarding our methodologies or you want to better understand a data trend, Omdia’s support team is here to help.

**Draw on our expertise**
- Make the right decisions
- Sanity-check your own findings
- Get the most out of your subscription
- Understand more about our methodologies

Our Ask an Analyst service gives you direct contact via telephone, email or face-to-face session with our expert analyst team:

Tom Coate  
Customer Success Manager

Kāren Dyer  
Customer Success Manager

96% of our customers rate our service as Excellent or Very Good
ABOUT OMDIA

Omdia is a global technology research powerhouse, established following the merger of the research division of Informa Tech (Ovum, Heavy Reading, and Tractica) and the acquired Omdia technology research portfolio*. We combine the expertise of more than 400 analysts across the entire technology spectrum, covering 150 markets. We publish over 3,000 research reports annually, reaching more than 14,000 subscribers, and cover thousands of technology, media, and telecommunications companies.

Our exhaustive intelligence and deep technology expertise enable us to uncover actionable insights that help our customers connect the dots in today's constantly evolving technology environment and empower them to improve their businesses – today and tomorrow.

* The majority of Omdia technology research products and solutions were acquired by Informa in August 2019 and are now part of Omdia.