



CUBESYS DISCUSSION SERIES

The main title 'CUBESYS DISCUSSION SERIES' is written in a large, bold, white, sans-serif font. To the right of the word 'CUBESYS' is a green icon consisting of three speech bubbles arranged in a circle, with arrows indicating a clockwise flow between them.

ACCELERATING MANUFACTURING EFFICIENCY WITH AVD

TODAY'S DISCUSSION FORMAT



The discussion is being recorded.



Please use the chat window to ask your questions.



We have our experts on hand to answer your questions.



The video and content will be sent via email post event.

Panel of Speakers



Paul Le Maitre
Azure Strategic Engagements
Microsoft



George Zajakovski
Senior Cloud Consultant
cubesys

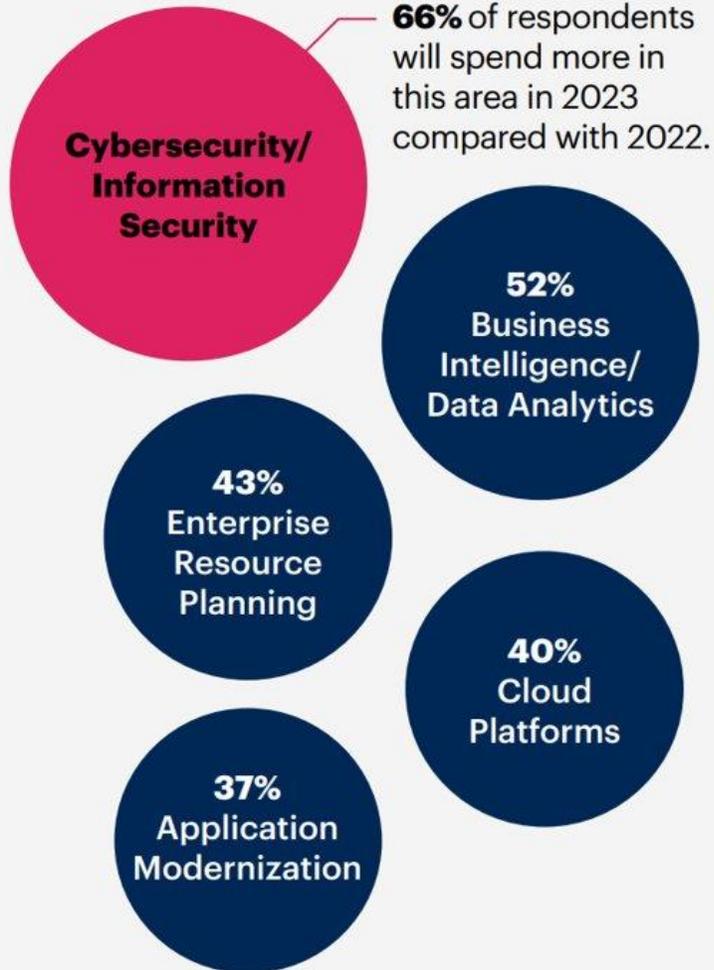


Ian Baxter
Associate Director of Delivery
cubesys

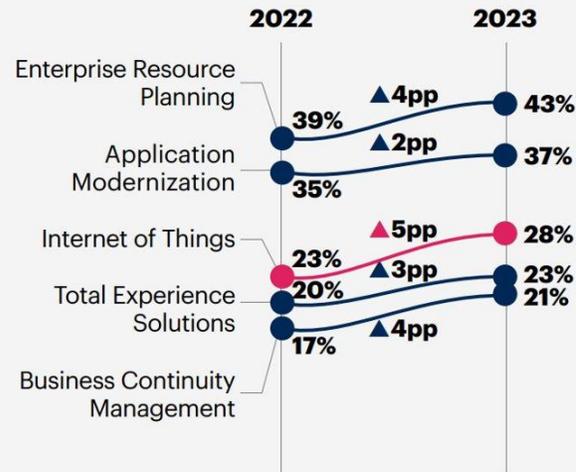


Gartner 2023 Insights | Manufacturing

Where will investments go in 2023?



For which technologies will more CIOs increase funding in 2023 compared to 2022?



What are the top enterprise priorities?



Benefits of AVD in Manufacturing

- Operational resilience
- Enhanced Agility and Flexibility
- Data Security
- Improved Collaboration and Mobility
- Cost reduction
- High capacity computing
- Mergers and acquisitions



Total Economic Impact – Azure Virtual Desktop

Based on findings from customers who migrated from an RDS on-premises solution to Azure Virtual Desktop

Key Statistics

210%

Return on investment (ROI)

34%

Reduced cost of prior VDI-related expenses

59%

Cost savings on deployment and maintenance expenses

22 hours

Added annual productivity per end user

Best practices

CPU vs GPU rendering

Premium Disks

Routing (Shortpath)

Number of users

GPU GPOs

Application Testing

Data/Workload

Windows Optimization





Recycle Bin



Microsoft Flight Si...

Microsoft Flight Simulator - 1.7.12.0



Task Manager

File Options View

Processes Performance Users Details Services

CPU 60% 2.60 GHz

Memory 13.1/56.0 GB (23%)

Disk 0 (C:) HDD R: 0 KB/s W: 12.3 KB/s

Disk 1 (D:) HDD R: 0 KB/s W: 0 KB/s

Disk 2 (Z:) HDD R: 147 KB/s W: 0 KB/s

Ethernet Ethernet S: 1.3 Mbps R: 552 Kbps

GPU 0 NVIDIA Tesla M60 97% (79 °C)

GPU

NVIDIA Tesla M60

3D 97% Copy 1%

Video Encode 8% Video Decode 0%

Dedicated GPU memory usage 6.0 GB

Shared GPU memory usage 28.0 GB

Utilization: **97%**

Dedicated GPU memory: **6.7/8.0 GB**

Driver version:

Driver date:

GPU Memory: **7.2/36.0 GB**

Shared GPU memory: **0.4/28.0 GB**

DirectX version:

Physical location:

Hardware reserved:

GPU Temperature: **79 °C**

[Fewer details](#) [Open Resource Monitor](#)

Successful AVD projects in Manufacturing



ACCELERATING MANUFACTURING EFFICIENCY WITH AVD



KOHLER[®]

The Kohler logo consists of the word "KOHLER" in a bold, black, sans-serif font, followed by a registered trademark symbol (®).

Hamilton Beach

The Hamilton Beach logo features a green curved line above the text "Hamilton Beach" in a black, sans-serif font.

LUBRICANTS.
TECHNOLOGY.
PEOPLE.

The Fuchs logo includes the text "LUBRICANTS. TECHNOLOGY. PEOPLE." in a white, sans-serif font, positioned to the left of the main logo graphic.

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MARLYAMA[®]

The Marlyama logo features the word "MARLYAMA" in a black, sans-serif font, followed by a registered trademark symbol (®).

TMK

The TMK logo features the letters "TMK" in a bold, black, sans-serif font, set against an orange background with a black curved line.

ingevity[®]

The Ingevity logo features the word "ingevity" in a black, sans-serif font, followed by a registered trademark symbol (®).

TRUCKVAN[®]

The Truckvan logo features the word "TRUCKVAN" in a white, bold, sans-serif font, set against a red background.

AVD in Manufacturing | Global Case Study



Mosa.

Royal Mosa reduces carbon footprint and enhances performance with centralized, cloud-native management through Azure Arc-enabled Azure Stack HCI

“We’ve built a future-proof hybrid infrastructure. With Azure Arc-enabled Azure Stack HCI, we get centralized management and better, faster performance and redundancy, and our customers benefit from continuous availability.”

—Hans Cobben: Infrastructure and Security Manager

Royal Mosa

AVD Partners ...



Manager
for Enterprise

<https://getnerdio.com/>



<https://cloudclarity.app>





GOT MORE QUESTIONS?

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Thank you