

TECH TALK

Issue 154 April 2025

Pioneering Tech Leadership with a Legacy of Excellence.



Galaxy Office Automation Pvt. Ltd.

Galaxy & Dell Technologies are hosting the Al Factory Launch Event on 15th April 2025. This event will be a deep dive into the future of Al and data transformation, offering you actionable strategies, innovative solutions, and networking with industry experts.

Join us as we explore groundbreaking **AI advancements** and discover how they are reshaping industries.

Stay tuned for more details.



Dear Readers,

As we close the previous fiscal year and move into the next, I would like to highlight a few milestones that Galaxy has achieved during this period. I am proud to announce that we will be closing the year with revenues close to Rs. 1400 crore, which is in line with our growth projections. Our data centre and cybersecurity business have both shown healthy growth and the promise to grow even faster in the coming years.

We have invested a lot in building our artificial intelligence practice and were gold sponsors at the ET Now AI Summit in Mumbai. We have launched three AI solutions and are using these in our live environments: 1) A level 1 infra tech bot that can understand and solve close to 80% of the L1 tickets 2) A self-learning agentic AI solution that can automate a large number of complex and decision-making business processes, delivering almost instant ROI and 3) A conversational CV repository that can be queried on any attribute. We are in the process of signing an MoU with Dell for setting up an AI Factory in Mumbai. The AI Factory delivers a comprehensive and secure AI solution customisable for any business. With a portfolio of products, solutions, and services tailored for AI workloads—from desktop to data center to cloud—it paves the way for AI to work seamlessly.



We have also invested in our professional services and cloud practice. We launched our offering, Galaxy CloudPulse, on the AWS marketplace. This is a pre-configured Amazon Machine Image (AMI) for infrastructure monitoring of public and private cloud, designed to simplify infrastructure, cloud, and network monitoring. The use of predictive AI in identifying anomalies ensures system health, high availability, and efficient issue resolution, making it an ideal solution for monitoring on-premises, public, hybrid, and multi-cloud infrastructures. CloudPulse is available in an on-premise flavour also.

Our geo-expansion and client-solution businesses have been rejuvenated with new empowered leadership, and we expect these to do very well in the coming year. Do reach out to us for more information on any of our products and solutions. We have a lot of great plans for this year too! Stay tuned for all the new developments.

Happy reading!

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Anoop Pai Dhungat Chairman & Managing Director

Future is now!



The First Al-Generated Newspaper Hits the Stands

An Italian newspaper has said it is the first in the world to publish an edition entirely produced by artificial intelligence.

The initiative by II Foglio, a conservative liberal daily, is part of a month-long journalistic experiment aimed at showing the impact AI technology has "on our way of working and our days", the newspaper's editor, Claudio Cerasa, said.

The four-page II Foglio AI has been wrapped into the newspaper's slim broadsheet edition and is available on newsstands and online from Tuesday.

"It will be the first daily newspaper in the world on newsstands created entirely using artificial intelligence," said Cerasa. "For everything. For the writing, the headlines, the quotes, the summaries. And, sometimes, even for the irony." He added that journalists' roles would be limited to "asking questions [into an Al tool] and reading the answers". The experiment comes as news organisations around the world grapple with how AI should be deployed. Earlier this month, the Guardian reported that BBC News was to use AI to give the public more personalised content.

The front page of the first edition of II Foglio AI carries a story referring to the US president, Donald Trump, describing the "paradox of Italian Trumpians" and how they rail against "cancel culture" yet either turn a blind eye or, worse, "celebrate" when "their idol in the US behaves like the despot of a banana republic".

The front page also features a column headlined "Putin, the 10 betrayals", with the article highlighting "20 years of broken promises, torn-up agreements and words betrayed" by Vladimir Putin, the Russian president.



In a rare upbeat story about the Italian economy, another article points to the latest report from Istat, the national statistics agency, on the redistribution of income, which shows the country "is changing, and not for the worse", with salary increases for about 750,000 workers being among the positive effects of income tax reforms.

On page 2 is a story about "situationships" and how young Europeans are fleeing steady relationships.

The articles were structured, straightforward and clear, with no obvious grammatical errors.

However, none of the articles published on the news pages directly quote any human beings.

The final page runs AI-generated letters from readers to the editor, with one asking whether AI will render humans "useless" in the future. "AI is a great innovation, but it doesn't yet know how to order a coffee without getting the sugar wrong," reads the AI-generated response.

Cerasa said II Foglio AI reflected "a real newspaper" and was the product of "news, debate and provocations". But it was also a testing ground to show how AI could work "in practice", he said, while seeing what the impact would be on producing a daily newspaper with the technology and the questions "we are forced to ask ourselves, not only from a journalistic nature".





TECHNOLOGY FOCUS

Security Logging and Monitoring are Changing the Face of Cyber Threat Detection

A quick question for the cybersecurity decision-makers: How do you want your cybersecurity software to be defined? Agile? Durable? Intelligent? They're all important considerations. However, the function of a cybersecurity infrastructure is more than simply identifying and countering security threats. Your security infrastructure should be more than just a "bouncer" ...something that identifies threats and throws them out of the infrastructure with its tail between its legs. It should also encompass security logging and monitoring, both of which are integral components to maintaining a robust cybersecurity infrastructure.

Your cybersecurity software should be in a state of constant learning.

Think of an enterprise's cybersecurity software as a digital immune system. Your immune system does more than just fight off simple infections. It learns from them. Your immune system memorises the characteristics of the infection it just fought off, so if a similar infection enters your body again, it'll have an easier time fighting it off. An effective cybersecurity system works in a similar way. Many security information and event management software (SIEM) vendors have begun to integrate machine learning with their AI with this exact goal in mind.



What is Security Logging and Monitoring?

Security event logging and monitoring are two parts of a singular process that is integral to the maintenance of a secure infrastructure.

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Every activity in your environment, from emails to logins to firewall updates, is considered a security event. All of these events are (or should be) logged in order to keep tabs on everything that's happening in your technology landscape.

When it comes to monitoring those logs, organisations will examine the electronic audit log files of confidential information for signs of unauthorised activities.

If unauthorised activities (or attempts thereof) are found, the data will be moved to a central database for additional investigations and necessary action.

In a time where digital threats are widespread and ever-changing, the data gleaned from these log files is vital in keeping the infrastructure agile and responsive.

Read more \rightarrow

SPECIAL FOCUS

Data Security Posture Management: A Must-Have for Cloud Protection

Introduction

Data security posture management (DSPM) is an emerging cybersecurity approach designed to enhance the visibility, security, and governance of data across cloud and on-premise environments. With the increasing adoption of cloud computing and the proliferation of sensitive data, organisations face significant challenges in securing their data assets. DSPM provides a proactive and automated solution to mitigate data security risks.

Why DSPM is Required

1. Growing Data Complexity

Organisations store vast amounts of data across multiple environments, making manual security management inefficient.

2. Zero-trust Security Model

Compliance standards such as GDPR, CCPA, HIPAA, and PCI-DSS require organisations to have robust data security measures in place.

3. Cloud Security Gaps

Cloud environments introduce new risks, such as misconfigurations, unauthorised access, and unintentional data exposure.

4. Insider Threats

Employees, contractors, or partners may have unintended or malicious access to sensitive data.

5. Data Breaches

Organisations need to proactively monitor, detect, and prevent data breaches before they occur.



Advantages and Benefits of DSPM

1. Automated Data Discovery & Classification

DSPM solutions automatically identify and classify sensitive data across various storage locations, ensuring full visibility.

2. Risk Assessment & Continuous Monitoring

Helps organisations detect vulnerabilities, misconfigurations, and unauthorised access attempts in real time.

3. Data Access Governance

Ensures that only authorised users have access to sensitive data, reducing the risk of data leaks.

4. Incident Response & Remediation

Provides actionable insights and automated remediation steps to mitigate security threats quickly.

5. Compliance & Audit Readiness

Simplifies compliance reporting by continuously tracking security controls and generating audit logs.

6. Cost Savings & Efficiency

Reduces the need for manual security assessments, lowering operational costs and improving efficiency.

7. Visibility in Highly Regulated Environments

DSPM's ability to operate in air-gapped and on-premises environments ensures that sensitive data in highly regulated sectors is adequately protected.

8. Unified Policy Enforcement

DSPM approaches simplified protection across all digital channels – including endpoints, cloud SaaS apps, web and email – in a single UI. This reduces complexity, minimises management overhead and ensures consistent enforcement, providing comprehensive visibility and control over sensitive data, no matter where it resides.



Use Cases of DSPM

1. Cloud Data Security

Protecting sensitive data stored in AWS, Azure, and Google Cloud from misconfigurations and breaches. By leveraging automation, Al-driven risk detection, and continuous compliance monitoring, DSPM enables businesses to secure their cloud assets proactively and reduce cyber threats.

- 2. Regulatory Compliance Management Ensuring organisations meet legal and industry compliance requirements effortlessly.
- 3. Shadow IT & Unstructured Data Management Identifying and securing unauthorised or forgotten data repositories. Identifies sensitive data stored in unapproved applications, personal drives, or external servers.



4. Insider Threat Prevention

Monitoring and restricting excessive or unusual access to sensitive information. Insider threats are difficult to detect, but DSPM provides a proactive security approach by continuously monitoring, analysing, and enforcing access controls, behavioural analytics, and automated incident response. By integrating DSPM into security strategies, organisations can reduce the risk of insider data breaches, ensure compliance, and safeguard sensitive information.

5. Data Loss Prevention (DLP)

Preventing unauthorised data transfers and ensuring critical data remains within secure environments.

6. Third-Party Risk Management

Assessing and managing the risks associated with vendors and external collaborators accessing sensitive data. Data security posture management (DSPM) helps organisations mitigate various security risks by providing visibility, automation, and proactive threat detection.

We at Galaxy help organisations mitigate various risks by integrating DSPM into security strategies. To talk to our experts, email us at marketing@goapl.com.

Google to Acquire Cloud Security Co. Wiz for \$32Bn

Google parent Alphabet agreed to acquire cloud security firm Wiz for \$32 billion in cash, reaching a deal less than a year after initial negotiations fell apart because the cloud-computing startup wanted to stay independent.

Wiz will join the Google Cloud business once the deal closes, the companies said in a statement on Tuesday. The takeover is subject to regulatory approvals and is likely to close next year, they said. The deal, which would be Alphabet's largest to date, comes after Wiz turned down a \$23 billion bid from the internet search leader last year after several months of discussions. At the time, Wiz walked away after deciding it could ultimately be worth more by pursuing an initial public offering company. Concerns about regulatory challenges also influenced the decision.





Tata Yu Fully Autonomous Vehicle Concept Patented in India

Tata Motors has recently filed a patent for an autonomous self-driving concept vehicle to reform connectivity by transporting both goods and passengers. Christened the Tata Yu, this concept vehicle has been developed in six months at Strate School of Design, Bangalore, bringing together the ideas of designers Ansuman Mallik and Atmaj Verma under the mentorship and guidance of Tata Motors and Design School experts, namely Ajay Jain (Tata Motors), Edmund Spitz (HOD of the Transportation Design, Strate School of Design, Bangalore), and Thomas Dal (Dean, Strate School of Design, Bangalore).

Design

The Tata Yu concept, which is a compact one, measuring 3,700 mm long, 1,500 mm wide, and 1,800 mm high, uses hub-mounted electric motors, and further details on battery capacity and range are yet to be disclosed.

Cargo Transport

The central part of the vehicle is used for the e-commerce segment, which helps carry product boxes of different sizes. The vehicle can pick up these boxes directly from warehouses and is also provided with an automatic sorting system helping to allocate deliveries to their respective destinations according to their priority.

Read more \rightarrow

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