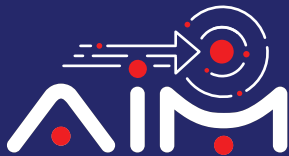# GALAXY
Integrating Technology | Driving Growth

TECH TALK

Issue 161
November 2025

Pioneering Tech Leadership with a Legacy of Excellence.

AIM

Galaxy Office Automation Pvt. Ltd.

Foreword

Dear Readers,

This month, we mark a significant milestone: **Galaxy's 38th anniversary.** Reaching this moment is a testament to the dedication of our incredible team and the steadfast support of our customers, partners, and advisors. My heartfelt thanks to each of you for being part of our story.

For nearly four decades, our foundation has been built on four unwavering principles: Customer Care and Delight, the Highest Level of Integrity, Respect for the Individual, and the Pursuit of Excellence through Quality. Seeing these pillars grow stronger each year fills me with immense pride in our team and our culture.

The technological evolution during this time has been breathtaking. The most advanced computers of 38 years ago are outpowered by today's mid-range smartphones, and the internet was yet to become a public utility. Throughout this period of constant change, our mission has remained constant. We equip our customers with the technology solutions to not only adapt, but to lead.

Now we are at the cusp of another inflection point. With AI and GenAI, we are helping our customers to cut through the hype and implement practical, high-ROI solutions that deliver tangible business outcomes. Our experts are ready to guide you on this journey.

Thank you for your trust and partnership. I am excited to build upon this legacy and achieve new milestones together.

Happy reading!

Anoop Pai Dhungat
Chairman & Managing Director

We are proud to share that **Galaxy represented India** at the **Check Point Software APAC Partner Executive Conference 2025!**

As part of the exclusive partner panel, we had the opportunity to share our insights on industry trends, innovation, AI and how strategic partnerships are shaping the future of cybersecurity across the region.

A heartfelt thank you to Check Point Software Technologies for this incredible platform and honor, to our amazing team for their passion and commitment, and to our valued partners and clients for their continued trust and collaboration.

Here's to building a safer, smarter, and more secure digital future together!

Future
is now!

Fractures Fixed in Minutes:
Scientists Create 'Bone Glue'
That Heals Fractures in Just 3 Minutes

Scientists have unveiled a ground-breaking medical adhesive named Bone-02, capable of repairing bone fractures in as little as three minutes a feat that could transform orthopaedic surgery. The project, led by Dr. Lin Xianfeng at Sir Run Shaw Hospital in Zhejiang Province, was inspired by oysters' remarkable ability to cling firmly to wet, moving surfaces.

Unlike traditional metal implants, Bone-02 is bioabsorbable, gradually dissolving as the bone naturally heals, eliminating the need for a second surgery to remove hardware. Tested successfully in over 150 patients, the adhesive has demonstrated impressive strength, safety, and rapid bonding even in blood-rich environments. Experts believe Bone-02 could dramatically reduce surgery time, lower infection risks, and accelerate recovery, marking a major breakthrough in fracture treatment worldwide.

Bone Glue Inspired by Oysters

The development of Bone-02 is rooted in biomimicry, taking cues from how oysters withstand waves and water currents by adhering strongly to underwater surfaces. This adhesive mimics that natural resilience, giving surgeons a powerful tool to treat fractures in blood-rich environments where traditional adhesives often fail.

Within two to three minutes of application, Bone-02 can secure broken bones with an exceptional bonding force measured at over 400 pounds. Its quick action and durability offer surgeons greater efficiency and patients a smoother healing process. Future applications may include dental surgery, joint repair, and battlefield medicine, where speed and strength are critical for successful outcomes

Trials Inspire Confidence

Clinical trials of Bone-02 have already involved more than 150 patients, producing encouraging results. Doctors reported that surgeries normally requiring steel plates and screws were completed in a fraction of the time. Beyond speed, the adhesive demonstrated robust physical properties, including a shear strength of 0.5 MPa and a compressive strength of around 10 MPa, comparable to standard implants. Importantly, Bone-02 was well tolerated by the human body, showing no major safety concerns. These findings suggest it could eventually replace many traditional fixation methods in hospitals worldwide, especially in emergency medicine, where quick fracture stabilization is critical.


A Shift in Fracture Treatment

Bone-02's bioabsorbable design means it naturally dissolves within about six months, disappearing as the bone regains strength.

This eliminates the need for a second surgery to remove metal hardware, reducing both costs and recovery risks for patients. Orthopaedic experts see this as a potential game-changer in fracture care, particularly for complex injuries or in regions with limited access to advanced surgical facilities.

If future trials continue to confirm its effectiveness, Bone-02 could lead to a paradigm shift in how fractures are treated—faster, safer, and more patient-centered than ever before. Innovations like this show how nature continues to inspire modern medicine—proving that healing the body can be both scientific and creative.

It's a breakthrough that sounds almost like science fiction—yet it's already saving patients' precious healing time. Some doctors even joked that the glue could make them feel more like carpenters than surgeons. This technology promises to revolutionize orthopaedic care worldwide, improving patient outcomes and reducing healthcare burdens dramatically.

Read more →
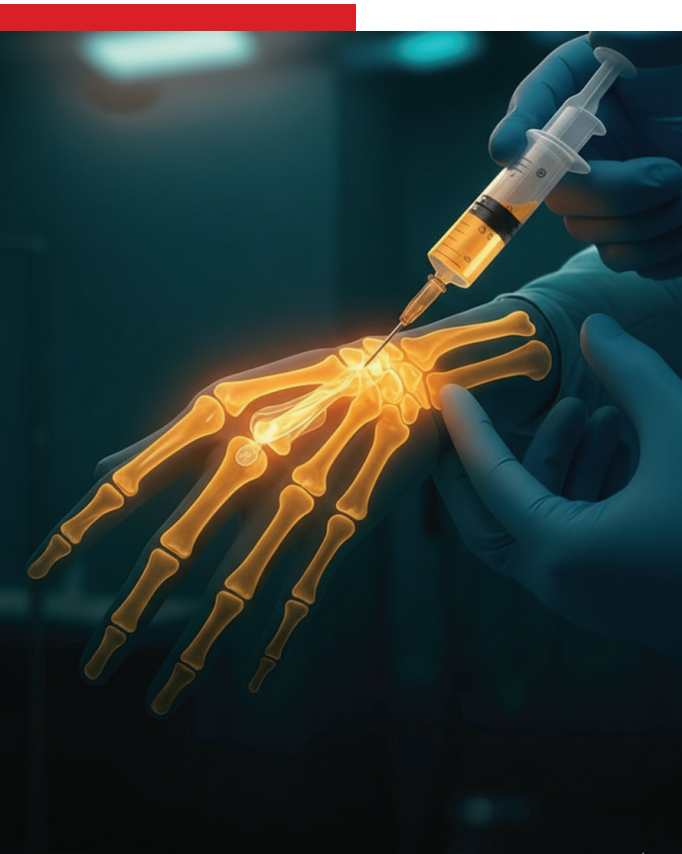
Understanding Security Management:
The Key to Safeguarding Your Organization

Security management covers all aspects of protecting an organization's assets – including computers, people, buildings, and other assets against risk. A security management strategy begins by identifying these assets, developing, and implementing policies and procedures for protecting them, and maintaining and maturing these programs over time.

Below, we discuss what security management means to organizations, types of security management, and review some considerations for security management when choosing a cybersecurity solution.

Purpose of Security Management

The goal of security management procedures is to provide a foundation for an organization's cybersecurity strategy. The information and procedures developed as part of security management processes will be used for data classification, risk management, and threat detection and response.

These procedures enable an organization to effectively identify potential threats to the organization's assets, classify and categorize assets based on their importance to the organization, and to rate vulnerabilities based on their probability of exploitation and the potential impact to the organization.

Types of Security Management:

Security management can come in various different forms. Three common types of security management strategies include information, network, and cyber security management.

Information Security Management

Information security management includes implementing security best practices and standards designed to mitigate threats to data like those found in the ISO/IEC 27000 family of standards. Information security management programs should ensure the confidentiality, integrity, and availability of data. Many organizations have internal policies for managing access to data, but some industries have external standards and regulations as well. For example, healthcare organizations are governed by the Health Insurance Portability and Accessibility Act (HIPAA), and the Payment Card Industry Data Security Standard (PCI DSS) protects payment card information.

Network Security Management

Network security management is a vital component of a network management strategy. The network is the vector by which most cyberattacks reach an organization's systems and its first line of defence against cyber threats. Network security management includes deploying network monitoring and defence solutions, implementing network segmentation, and controlling access to the network and the devices connected to it.

Cybersecurity Management

Cybersecurity management refers to a more general approach to protecting an organization and its IT assets against cyber threats. This form of security management includes protecting all aspects of an organization's IT infrastructure, including the network, cloud infrastructure, mobile devices, Internet of Things (IoT) devices, and applications and APIs.

Security Management Architecture

A scalable and sustainable security management strategy is one that is built using an integrated framework and the right tools rather than a disconnected set of standalone policies and strategies. A security management architecture enables an organization to consistently enforce its security policies across its entire IT ecosystem. This requires an array of integrated security solutions that enable centralized management and control of an organization's entire security infrastructure.

Read more →

At Galaxy, we view security management as more than protection; it's a pathway to resilience, agility, and innovation. Our integrated solutions empower enterprises to strengthen defences, maintain compliance, and stay ahead of evolving cyber threats.

To connect with our experts, write to us at marketing@goapl.com

Unified Endpoint Management: Securing Every Device, Everywhere

In today's hybrid and multi-device world, **Unified Endpoint Management (UEM)** platforms have become essential for organisations to centrally manage, secure, and support all endpoints—be it laptops, smartphones, tablets, or IoT devices—from a single console. A robust UEM ensures seamless device onboarding, compliance enforcement, and user experience enhancement across diverse operating systems.

Omnissa's Workspace ONE UEM (powered by VMware Workspace ONE / AirWatch) is a cloud-native unified endpoint management solution that delivers deep visibility, intelligent automation, and secure access for every endpoint, mobile, desktop, rugged, or IoT through a single, intelligent platform.

Key Features

Single-console, multi-OS device management:

- Manage iOS/iPadOS, Android (including ADP/AMAPI support), Windows, macOS, ChromeOS, Linux, rugged devices, and IoT from one pane of glass.

Workspace ONE Intelligent Hub:

- A single employee app for app catalog, SSO, people directory, and remote support.

Freestyle Orchestrator & Workflows:

- Low/no-code automation engine to build conditional workflows for patching, remediation, onboarding, and application deployment.

Zero Trust Access & Conditional Compliance:

- Real-time device posture checks and automated access control for secure, context-aware connectivity.

Comprehensive Application Management:

- Enterprise app catalog, per-app VPN, app wrapping, and full lifecycle control.

Advanced Analytics & Digital Employee Experience (DEX):

- Proactive insights into performance, compliance, and user experience.

Support for Field & Low-Bandwidth Deployments:

- Optimized for remote or rugged device environments with limited connectivity.

- **True Unified Management:** One platform for all endpoints reduces tool sprawl and improves operational efficiency.
- **Powerful Automation:** Freestyle Orchestrator eliminates repetitive tasks, improving compliance and reducing IT overhead.
- **Broad Device Control:** Deep management across rugged, Iot, and non-Windows devices.
- **Enhanced User Experience:** Intelligent Hub unifies apps, SSO, and support for better employee productivity.
- **Zero Trust Security:** Integrated posture and access controls protect data and devices continuously.
- **Lower TCO:** Reduce licensing, infrastructure, and support costs through a single, scalable platform.
- **Faster Onboarding & Offboarding:** Provision or revoke access instantly with automation tied to HR or identity systems.

- **Enterprises with Mixed OS Environments:** Manage diverse endpoint types and operating systems.
- **Field and Offline Workforce:** Ideal for logistics, manufacturing, and utilities with rugged or IoT devices.
- **BYOD and COPE Programs:** Securely manage corporate and personal devices.
- **Digital Employee Experience Initiatives:** Monitor and enhance endpoint performance and user satisfaction.
- **Highly Regulated Industries:** Ensure compliance and audit readiness across devices.

Why Choose Omnissa Workspace ONE UEM over the Competition

Omnissa Workspace ONE UEM offers a far broader range of device and operating system support—extending beyond traditional mobile and desktop devices to include rugged, IoT, and even wearable endpoints. In contrast, most competing solutions are primarily optimized for Windows and mainstream mobile platforms, making Workspace ONE the preferred choice for organizations with diverse or specialized device fleets.

When it comes to automation and operational efficiency, Workspace ONE's Freestyle Orchestrator delivers a distinct advantage through its low-code workflow engine. This enables IT teams to design complex, conditional automations for patching, compliance, and onboarding—all without scripting.

The employee experience is another area where Workspace ONE excels. Its Intelligent Hub consolidates applications, SSO access, corporate notifications, and self-service support into a single, user-friendly interface—simplifying the end-user journey and reducing helpdesk dependency.

From an infrastructure perspective, Workspace ONE UEM is vendor-neutral and integrates seamlessly with third-party identity providers, security tools, and hybrid cloud environments.

Workspace ONE provides more granular device-level control, giving administrators fine-tuned policy management and remediation capabilities across platforms.

Workspace ONE stands out in the field and low-bandwidth deployments, thanks to its optimization for remote and rugged devices operating under constrained network conditions—an area where many cloud-dependent competitors struggle.

Omnissa Workspace ONE UEM stands out for its

• breadth of device coverage
• automation flexibility
• enhanced user experience capabilities

It is particularly well-suited for organizations managing heterogeneous devices, remote or rugged endpoints, and those prioritizing workflow automation and zero-trust security.

Plan, deploy, and integrate Omnissa Workspace ONE UEM seamlessly into your existing IT and security ecosystem. We ensure smooth migration, automation, and policy alignment across all device types for unified management and zero-trust compliance. Our expertise enables faster adoption, improved visibility, and enhanced employee experience through a secure and efficient digital workspace.

To talk to our experts,
email marketing@goapl.com
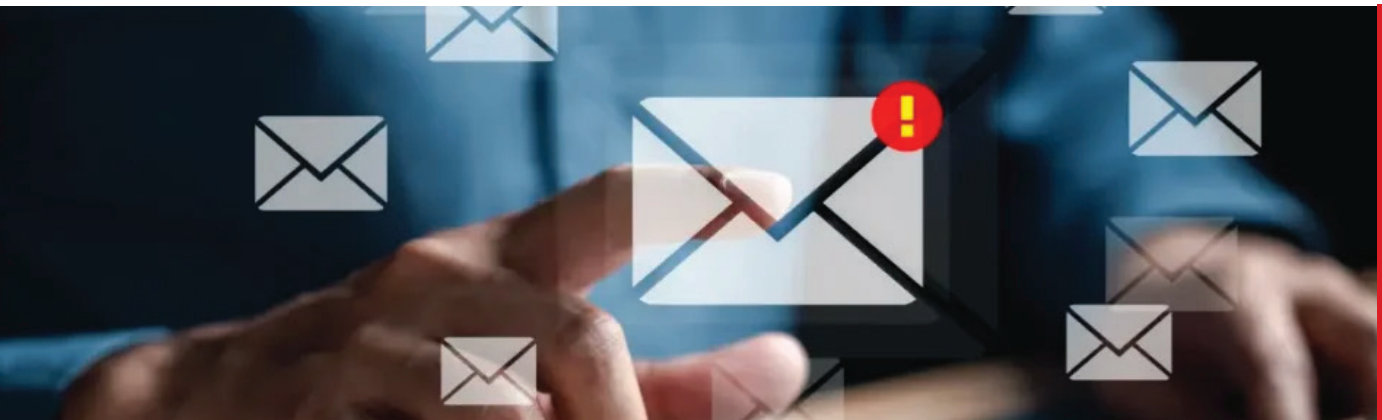
Reliance,
Meta form new Rs 855-crore joint venture to build enterprise AI products in India.

Reliance Industries has announced that it has formed a new joint venture with Meta in a deal worth Rs 855 crore to build and scale enterprise AI solutions for customers in India and select international markets.

The new entity, named Reliance Enterprise Intelligence Limited (REIL), is a wholly owned subsidiary of Reliance Intelligence Limited, which is a joint venture by Mukesh Ambani-led Reliance Industries and Meta Platforms. Both companies have jointly committed an initial investment of Rs 855 crore in REIL.

Of this, Reliance Intelligence will put up Rs 2 crore in the new entity, holding a 70 per cent stake, while Meta Platform's Facebook Overseas will own the remaining 30 per cent of REIL, according to a stock exchange filing dated October 25, 2025.

"REIL will be engaged, inter alia, in developing, marketing, and distributing enterprise AI services. No governmental or regulatory approvals were required for the incorporation of REIL," the BSE filing read.

The strategic partnership between Reliance and Meta was first unveiled by Mukesh Ambani, India's richest man and chairman of Reliance Industries, at the company's 48th annual general meeting. The tie-up between India's most valuable company and the big tech company comes even as India and the United States remain locked in a trade tariff dispute.

These geopolitical tensions have also led to a renewed push by the Indian government to promote the adoption of 'Swadeshi' or 'Made-in-India' products and services, with several ministers and senior government officials switching to homegrown digital solutions developed by India-based companies like Zoho and MapmyIndia.

With more than a billion internet subscribers, India is the world's second-largest online market after China and has emerged as an important growth region for US tech giants such as Meta.
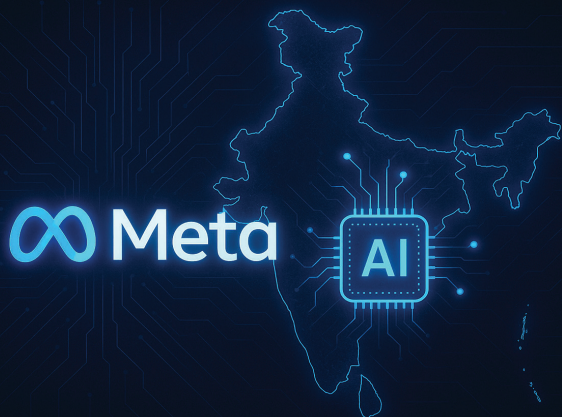
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Elon Musk's xAI launches Grokipedia, a free AI-powered rival to Wikipedia

Elon Musk's xAI, the company behind Grok, has launched Grokipedia, an AI-powered online encyclopaedia designed to take on what Musk calls a "woke" Wikipedia. The billionaire says the platform will be "a massive improvement over Wikipedia" and reflects xAI's broader goal of helping humanity better understand the universe.

Last month, Musk had announced that he was working on a Wikipedia alternative after suggestions from David Sacks, the billionaire's friend who also happens to be Trump's AI and crypto czar. On his social media platform X, Musk had previously said that an AI-generated encyclopaedia is "super important for civilisation" because the lack of human authors means it will have no bias towards any political ideology or thinking. When you search for a topic on Grokipedia, it will show you a list of articles that are available on the website. xAI says all of the available articles on the website are "Fact-checked by Grok" and have a timestamp about when the AI last updated it.

Unlike Wikipedia, users who visit Grokipedia won't be able to edit any of the posts on the website, but they can suggest edits or flag false information using a pop-up form. Also, some content on the platform has a disclaimer saying "The content is adapted from Wikipedia, licensed under Creative Commons Attribution-ShareAlike 4.0 License."

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