

Einnosys Granted Patent in the Philippines for EIGEMBox, Strengthening Its Innovation in Semiconductor Equipment Connectivity

Fremont, California, USA — October 8, 2026 — Einnosys, a provider of semiconductor equipment connectivity, factory automation, and intelligent manufacturing solutions, announced today that it has been granted a **patent in the Philippines for its EIGEMBox technology**, an innovative solution designed to enable SEMI-compliant SECS/GEM connectivity and automation for legacy semiconductor manufacturing equipment.

The Philippines patent further strengthens Einnosys' intellectual property portfolio and recognizes the innovation behind EIGEMBox. The solution has been successfully deployed across **80+ equipment installations worldwide**, helping manufacturers connect legacy equipment to modern factory automation environments without extensive equipment modifications.

Addressing the Challenge of Legacy Equipment Digitization

Many semiconductor factories continue to operate critical legacy equipment that was not originally designed for modern factory automation or host communication. Connecting these systems to MES and other automation platforms can traditionally require significant equipment modifications, engineering effort, and associated costs.

EIGEMBox was developed to address this challenge through a non-invasive approach to equipment connectivity.

The technology connects with the equipment's existing PC and enables communication and automation capabilities while minimizing changes to the original equipment architecture.

With EIGEMBox, manufacturers can enable capabilities including:

- **Non-invasive connectivity** through the equipment's existing PC
- **SEMI-compliant SECS/GEM communication**, including remote start/stop and recipe upload/download
- **MES and factory automation system integration**
- **Integration with external devices**, including sensors and PLCs, with data converted into SECS/GEM communication
- **Real-time and historical dashboards** without requiring scripting
- **OEE monitoring and alarm management**
- **Legacy equipment digitization and automation** without extensive equipment modification

Enabling Legacy Equipment for Modern Smart Factories

The growing adoption of smart manufacturing and Industry 4.0 technologies is increasing the need for semiconductor equipment to communicate seamlessly with MES, host systems, and other factory automation platforms.

EIGEMBox provides a practical pathway for manufacturers looking to modernize existing equipment while continuing to leverage their current production assets.

By enabling legacy equipment to participate in automated manufacturing environments, EIGEMBox can help manufacturers improve equipment visibility, data availability, process automation, and integration across the factory.

Philippines Patent Adds to Einnosys' Technology Portfolio

The granting of the Philippines patent represents another milestone in Einnosys' continued development of technologies for semiconductor equipment connectivity and factory automation.

With intellectual property protection now established in the Philippines, alongside its existing patent recognition in other markets, Einnosys continues to strengthen its position in **legacy equipment digitization, SECS/GEM connectivity, and semiconductor factory automation**.

*"The EIGEMBox technology was developed around a very practical challenge faced by semiconductor manufacturers: how to bring legacy equipment into modern automated factories without introducing unnecessary modifications or disruption," said **Nirav Thakkar, CEO of Einnosys**. "The Philippines patent is an important recognition of the innovation behind this approach and reinforces our commitment to helping manufacturers connect, automate, and digitize their existing equipment."*

About Einnosys

Einnosys provides technology solutions for **semiconductor equipment connectivity, factory automation, equipment monitoring, and intelligent manufacturing**. Its portfolio includes SECS/GEM connectivity solutions, equipment integration technologies, AI/ML-based predictive maintenance, factory data solutions, and Industry 4.0 technologies.

Einnosys solutions are designed to help semiconductor manufacturers, equipment manufacturers, fabs, OSATs, and other industrial organizations connect existing equipment with modern automation and manufacturing systems.

Learn more about EIGEMBox:

www.einnosys.com/eigembox

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