

Fasoo AI Addresses the Overlooked Security Gap in Printed Intellectual Property in the Manufacturing Industry

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[Fasoo AI](#), a leader in data-centric security and AI-ready data management, today emphasized the growing need for print security in

manufacturing as valuable intellectual property remains vulnerable long after it leaves the digital environment.



"Digital documents can be controlled through a range of security measures, but that control disappears the moment they're printed, and a physical leak can carry the same risk to intellectual property as a digital one," said [Jason Sohn, Executive Managing Director](#) at Fasoo AI. "As organizations strengthen data governance for the AI era, print security should be treated as an essential part of enterprise IP protection, not an operational afterthought."

Manufacturing organizations continue to rely on printed information throughout product development, production, quality assurance, supplier collaboration, and regulatory compliance. Engineering drawings, production schedules, inspection reports, process documentation, and technical specifications are frequently printed for day-to-day operation.

Yet, once information leaves the digital environment, traditional cybersecurity controls often lose visibility. Printed documents can be copied, misplaced, or distributed without authorization, creating opportunities for IP theft, insider misuse, and accidental disclosure. While manufacturers have strengthened protection for files and endpoints, printed documents remain one of the last unmanaged channels within manufacturing environments.

At the same time, stricter compliance requirements and heightened concerns over trade secret protection are driving manufacturers to establish stronger governance over how critical information is printed, shared, retained, and audited throughout its lifecycle.

To address this overlooked risk, [Fasoo Smart Print](#) extends data-centric security into the print environment through policy-based print controls, visible and invisible watermarking, comprehensive print activity logging, and detailed audit trails. Organizations can selectively

allow, block, or require approval before printing sensitive documents while automatically applying user-identifiable watermarks, using visible watermarks to deter unauthorized distribution and invisible marks to support forensic tracing, which together improve accountability.

The solution also supports OCR-based detection of sensitive information in image-based documents, automatic data masking for regulated information, and secure pull printing to ensure documents are only released to authorized users. By integrating print governance into existing security strategies, manufacturers can protect valuable intellectual property without disrupting engineering or production workflows.

As manufacturers continue accelerating AI adoption and global collaboration, securing information must extend beyond digital files to include printed information. Fasoo AI helps organizations build comprehensive, data-centric security strategies that safeguard sensitive information across every stage of the data lifecycle.

For more information, visit <https://en.fasoo.ai/insight/print-security-for-manufacturing/>.

About Fasoo AI:

Fasoo AI delivers enterprise-grade AI and Security products and services that help organizations pivot AI strategies with LLM and governance infrastructure to ensure secure information management, compliance, and productivity. For more information, visit <https://en.fasoo.ai/>.

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