Press Release

May 28, 2026
Arent Inc.

Arent Announces “ASPO (Auto Spool Fab Gen),” a New Series Connecting Plant Design and Construction
Launch of an AutoCAD Plant 3D add-in designed to eliminate the “data disconnect” between design and construction workflows.
By enabling seamless data integration between pipe support fabrication drawings and spool drawings, the solution reduces drafting workload by up to 83%.*

*According to our company's research



Arent Inc. (Headquarters: Minato-ku, Tokyo; President & CEO: Hiroki Kamobayashi; hereinafter, Arent), which is committed to promoting DX in the construction industry, has developed "ASPO (Auto Spool Fab Gen)," the latest add-in series to support business transformation in the plant design and construction domains.

As the first phase of this series, Arent began rolling out the beta version (Rev. 0A), currently available only to selected trial companies, of the automatic pipe support fabrication drawing generation tool "ASPO Support Fab" and the automatic spool drawing generation tool "ASPO Spool Manager" starting end of April, 2026.

■ Background: The Fusion of Arent's "Industry Knowledge" and "Advanced Development Capabilities"

Arent has been supporting the digitalization of the plant industry through platforms like "PlantStream®." In addition to developing and providing the "LightningBIM" series add-ins for Autodesk Revit®, Arent entered into a Solution Provider agreement with Autodesk in March 2025.

We have now launched the "ASPO" series as a new product lineup that integrates our practical knowledge of the plant industry with our advanced add-in development experience for Autodesk products. This series is designed to streamline data collaboration from design to construction in Autodesk AutoCAD Plant 3D, which has historically been a technical disconnection point.

■ Product Objective: Resolving the "Data Fragmentation" between Design and Construction

In plant construction, while digitalization has progressed up to the detailed design stage (isometric output), subsequent construction preparation still involves extensive manual data entry into general-purpose CAD or Excel, leading to the challenge of information silos. ASPO aims to resolve this fragmentation and assist in establishing a Single Source of Truth (SSOT).

■ "ASPO" Series: Two Lineups

*ASPO products require an Autodesk AutoCAD Plant 3D environment.

1. ASPO Support Fab (Automatic Generation of Pipe Support Fabrication Drawings)

Automatically creates fabrication DWGs (manufacturing drawings) from the model information in Autodesk AutoCAD Plant 3D.

- **Contribution to Man-Hour Reduction**: Drawing work that conventionally took about 30 minutes per sheet can be shortened to approximately 5 minutes (a reduction of about 83%)*.
- **Support for Various Types of Supports**: Supports a total of **7 types** including Shoe, Clamp Shoe, Guide, Stopper, Trunnion, Pad, and U-Bolt.
- **Cost Advantage**: Anticipates a **cost reduction of approximately 1.25 million JPY** for small to medium-scale projects (around 1,000 sheets)*. *According to our company's research

- **Stable Quality**: Helps reduce human error and minimizes rework by synchronizing with the model during design changes.

▼Demo Video: ASPO Support Fab Feature Introduction
https://youtu.be/efp9dtqRtBI?si=PT6CaynFlKpTeN0G

2. ASPO Spool Manager (Spool Drawing Generation Support / Patent Pending)

Equipped with semi-automatic spool splitting functions based on predefined rules, and welding management features.

- **Proposal of Splitting Plans**: Semi-automates spool splitting based on predefined rules.
- **Management Efficiency**: Supports construction management through automatic assignment of Spool IDs, automatic entry of weld marks and BOMs, and linkage with welding IDs and on-site progress information.

▼Demo Video: ASPO Spool Manager Feature Introduction
https://youtu.be/qkj3MQ7lw_s?si=GgK_LOVAq0ALtQs2

■ Product Lineup and Pricing (Excluding Tax, Tentative)

ASPO Support Fab / ASPO Spool Manager

Details regarding pricing and license plans will be announced during the official release. We are currently accepting registrations for priority access to release materials and product updates.

- **ASPO Product Website**: https://lp.aspo-generator.com/en/
- **Inquiries**:
  - ASPO Spool Manager: https://lp.aspo-generator.com/en/spool-manager.html#contact
  - ASPO Support Fab: https://lp.aspo-generator.com/en/support-fab.html#contact

■ Future Roadmap (Tentative)

- **End of April 2026 (Rev. 0A)**: Limited beta rollout of "Support Fab" and "Spool Manager" to selected trial companies. (Currently being rolled out)
- **End of May 2026 (Rev. 0B)**: Updated Fab/Catalog reflecting feedback from early users. (Planned)
- **End of July 2026 (Ver. 1.0)**: Official Japanese release, English version completed.(Planned)

- **Late August 2026**: Event focusing on early user case studies.(Planned)

■ About Arent Inc.

Arent is a company promoting DX in the construction industry with the mission of "democratizing tacit knowledge." We operate on two main pillars: the "DX Business," which involves collaborating with client companies to solve problems, and the "Product Business," which deploys our own SaaS solutions. We are solving structural challenges in the construction industry through technology, such as providing the "LightningBIM" series of Revit plug-ins that allow intuitive handling of BIM, and expanding our group through M&A.

[Company Overview]

- **Company Name**: Arent Inc.
- **Location**: KDX Hamamatsucho Building 3F, 2-7-19 Hamamatsucho, Minato-ku, Tokyo, Japan
- **Representative**: Hiroki Kamobayashi, President & CEO
- **Establishment**: July 2, 2012
- **Capital**: 1,286,536,388 JPY
- **Website**: https://arent.co.jp/en/

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