

【IR Release】

## SpiderPlus & Co.

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SpiderPlus & Co.

Kenji Ito, President and Representative Director

(TSE Growth: 4192)

### SpiderPlus & Co. jointly develops "Finishing Inspection Voice Input AI Function" with Konoike Construction

- Inspection Time Reduced by 33%! AI significantly improves voice input accuracy -



**Co-Dev: Voice Input AI for Finishing Inspection**

**Inspection Time: -33%**

**Zero Manual Selection**

Go the true way  
**KONOIKE**  
KONOIKE CONSTRUCTION

**SpiderPlus & Co.**

SpiderPlus & Co., the developer and provider of the construction DX service "SPIDER+," has developed the "Finishing Inspection Voice Input AI Function" in collaboration with major general contractor Konoike Construction reducing finishing inspection (\*1) time by 33%. We will continue to conduct verifications at Konoike Construction sites, targeting a general launch between winter 2026 and spring 2027.

We remain committed to contributing to the advancement of AI utilization at construction sites by actively engaging in joint development with major construction companies, in addition to our in-house development efforts.

\*1 Finishing inspection: An inspection conducted at the final confirmation stage just before the completion of a building. The construction company or the owner (purchaser) checks for scratches and dirt on the interior and exterior, as well as equipment operation, and requests corrective actions such as repairs. Punch List items are communicated from the site supervisor to each speciality constructor, and corrective actions are supervised until they meet the specifications.

## 1. Overview of Finishing Inspection Voice Input AI Function

The "Finishing Inspection Voice Input AI Function" is a function that registers punch list items, such as "peeling wallpaper" and "floor scratches" found during pre-completion finishing inspections, onto SPIDER+ drawings by voice.

Going beyond simple voice recognition, the AI automatically categorizes the inspector's spoken details into specific fields, including location (e.g., wallpaper, floors) and defect type (e.g., scratches, peeling, stains). This eliminates the need for manual on-screen selection. Furthermore, the system automatically organizes the registered findings by specialized contractors, seamlessly processing the entire workflow through to the issuance of rectification instructions.

## 2. Verification of effects through demonstration

With the cooperation of Konoike Construction, we verified the efficacy of this function in an environment simulating finishing inspections for condominium construction.

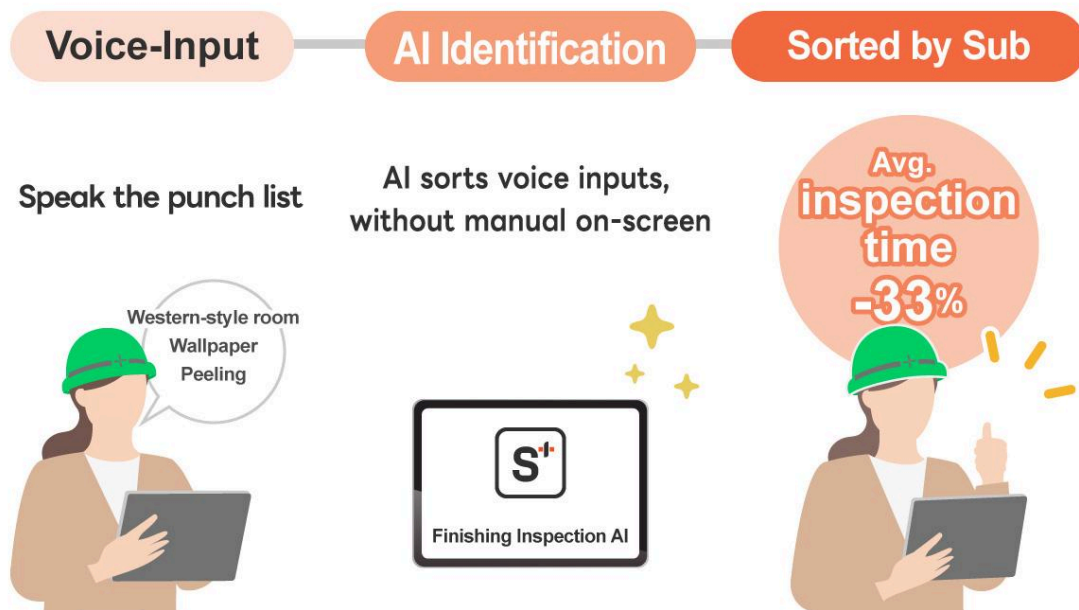
Using "KOCO Check" (\*2), the construction management system we have provided to KONOIKE CONSTRUCTION since 2013, we conducted multiple inspections utilizing both the "Conventional Finishing Inspection Function" and the "Finishing Inspection Voice Input AI Function." By calculating the average time difference between the two methods, we confirmed that utilizing the "Finishing Inspection Voice Input AI Function" reduced inspection execution time by an average of 33%.

Verification Item	Details
Verification Environment	A total of 23 punch list items were set up in a space simulating a single unit consisting of three rooms.
Verification Method	Ten trials were conducted each to register 23 punch list items on the drawing data of "KOCO Check", utilizing the existing "Finishing Inspection Function" and the newly developed "Finishing Inspection Voice Input AI Function".
Methodology for Calculating Verification Results	Calculated by averaging the difference in working time between utilizing the "Finishing Inspection Function" and the "Finishing Inspection Voice Input AI Function"
Verification Result	Inspection time is reduced by an average of 33% by utilizing the voice input Finishing Inspection Function.

\*2 KOCO Check: A construction DX app developed for Konoike Construction based on the "SPIDER+" platform. Introduced in 2013.

In voluntary inspections (\*3) conducted for 3LDK apartments, an average of 60 to 90 punch list items occur per unit. The 33% reduction effect confirmed in the demonstration is expected to accumulate in proportion to the number of punch list items registered, and we expect that the larger the site, the greater the reduction in total inspection time.

\*3 Voluntary inspection: An inspection in which the construction company itself confirms whether the construction has been carried out according to the design at each stage of construction and just before completion. It checks for defects and corrective action items from a third-party perspective.



### 3. Background of Joint Development and Future Outlook

We have engaged in value co-creation with Konoike Construction over many years to solve practical on-site challenges, jointly developing an inspection function for construction work. Built on this strong partnership, we have developed the "Finish Inspection Voice Input AI." Following on-site verification at Konoike Construction, we plan to launch this feature for general availability between the winter of 2026 and the spring of 2027.

This initiative embodies our strategy to further accelerate the optimization of operations and information in the construction industry under our "SPIDER+ Workspace" integrated platform concept.

Moving forward, we will lead digital transformation in the construction industry by integrating optimal technologies for solving on-site challenges into practical, daily operations. Through these efforts, we aim to make SPIDER+ an indispensable infrastructure for construction sites.

**For inquiries regarding this matter, please contact**

Finance and IR Department, SpiderPlus & Co.

Email inquiries: [ir@spiderplus.co.jp](mailto:ir@spiderplus.co.jp)

Telephone inquiries: +81-3-6709-2834

**【Notes】**

The name, specifications, provided content, and timing of this function may change depending on verification results.

This document has been translated from the original Japanese version\*1 for reference purposes only.

In the event of any discrepancy between this translated document and the Japanese original, the original shall prevail.

\*1 : Click here for the original Japanese version. : (【お知らせ】スパイダープラス、大手総合建設会社の鴻池組と「仕上検査音声入力AI機能」を共同開発 <https://spiderplus.co.jp/ir/library/>)