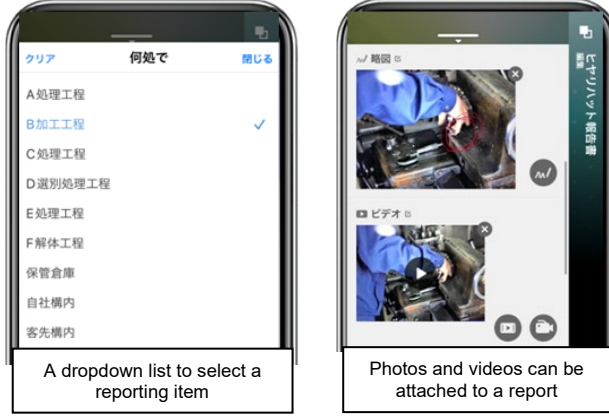



Toyotsu Recycle Introduces Platio to Create an App for Reporting Near Misses at Factory by Manager without Programming Experience, Improving Workplace Safety

Tokyo -- October 25, 2022 -- Asteria Corporation (Japan listed, Security Code: 3853) announced today that Toyotsu Recycle Corporation, which operates the automobile recycling business within the Toyota Tsusho Group, has introduced no-code* mobile app building tool Platio. This move has led to the improvement of factory safety.

Screenshots of “Near Miss Reporting App”	A worker is reporting a near miss incident at a factory
 <p data-bbox="236 969 464 1014">A dropdown list to select a reporting item</p> <p data-bbox="571 969 783 1014">Photos and videos can be attached to a report</p>	
<ul style="list-style-type: none"> -Reduced data entry time with dropdown list selection -Record and report an incident with photo and video attachments -Reports are instantly shared with administrators via email 	<ul style="list-style-type: none"> -Report a near miss incident on the immediate worksite -The process can be completed with a smartphone -The number of reports has doubled using the app

■Background and Result

Toyotsu Recycle Corporation is aiming to build an automobile “resource recycling” system through the collection and recycle of rare metals and parts reuse. The company promotes company-wide safety activities under its “safety first” policy. It also puts effort into improving safety at recycling factories by recording “near miss” incidents that could lead to a major disaster or accident.

Before the adoption of Platio, Toyotsu Recycle workers would handwrite reports on a designated form, which created problems such as a large amount of time spent on filling out the form, the difficulty reading handwriting and differences in the level of detail provided by workers. The paper-based reporting process also required them to understand and write down an incident, making it impossible to immediately take measures.

Toyotsu Recycle then overhauled the reporting process to address these issues and began considering an app-based reporting flow using smartphones and tablets; it decided to introduce Platio, which enables operational reforms led by frontline workers at a low cost and without the need for coding. Toyotsu Recycle’s unique “Near Miss Reporting App” which records near miss incidents that occurred at factories was created by factory manager without programming experience in just three hours.

The number of reports made through the app has doubled compared to the time when the reports were made with papers. Also photos and videos can be attached to a record as visual information of near miss incidents. Reports are automatically sent to administrators via e-mail at the same time when they are recorded on the app, which speeds up the process of understanding the details of the incident and implementing improvement measures. The streamlining of the processes from reporting to data management has reduced the workload of administrators by 20 hours per month. The growth in the number of reports has made it possible to analyze trends in incidents that require more attention and to make effective operational improvements.

Besides Near Miss Reporting App, Toyotsu Recycle created 12 kinds of unique apps for factory operations, including "4S Check App" and "Pre-work Inspection App" for forklift use. These apps are being used by workers. The company intends to promote "on-site digital transformation (DX)," including digitization and streamlining of operations, by continuously creating original business apps that meet the needs of frontline workers.

■ Message from Toyotsu Recycle

The Platío app has increased the number of reports and enhanced employee awareness of the importance for improvement. We sometimes receive similar reports from workers on the frontline, which helps us identify common issues in hazardous areas.

We have already created about 12 kinds of apps that fit various on-site operations, such as "4S Check App" and "Pre-work Inspection App". We will continue to improve cumbersome and inefficient on-site operations and promote on-site DX.

Masayuki Ishii, manager of the Production and Logistics Department and head of a factory in Saitama Prefecture at Toyotsu Recycle Corporation

■ Business Plan

Platío has been highly evaluated for its ability to create and deploy business apps unique to individual companies without coding in just three days, and adopted by companies and organizations in diverse industries. The product has also helped expedite DX at worksites through the digitalization of on-site operations and streamlined work processes. As a result, sales almost tripled in FY2020, compared with the previous year, and this trend continues into the current fiscal year. The aim is to achieve 500 downloads by the end of FY2022.

*A mechanism which allows creation of software and apps without writing a single line of code. Platío users can deploy necessary functions and modify app's specifications to make it more serviceable at worksites, even if they do not have expertise in a programming language.

■ About Toyotsu Recycle Corporation

Toyotsu Recycle Corporation operates the recycling business which deals with the collection and recycle of rare metals found in secondhand cars and parts reuse, and the Automobile Shedder Residue (ASR) recycling business.

For more information about Toyotsu Recycle, visit <http://www.toyotsurecycle.co.jp/> (available in Japanese only)

■ About Asteria Corporation

Asteria, formerly Infoteria Corporation, develops and sells software and services which connect a variety of in-house computers and devices. Its key product, ASTERIA Warp, is middleware which integrates data in different computer systems without coding. As of end-June 2022, 9,739 companies, mainly large and medium ones, had introduced the product. Another product, Handbook, allows users to carry around materials used for sales activities and meetings as well as product catalogues in electronic files on smartphones and tablets. A total of 1,653 companies and public institutions had adopted the product through end-June 2022.

For more information about Asteria, visit <https://www.asteria.com/jp/en/>

■ About Platío

Platío is a cloud service which allows users to easily create and use mobile apps that fit specific tasks without coding. By capitalizing on apps which are optimized for each task, Platío promotes digitalization at worksites and improves efficiency of manual processes. Apps created with Platío can be distributed immediately for use at worksites. Data that users entered into an app is stored in the cloud and will be shared real time the up-to-date status of worksites with managers. Apps also can automatically detect changes in entered data and send an alert to managers so that they can quickly respond to anomalies. Apps for businesses tend to be complex and expensive. As an easy app building solution, Platío won Good Design Award for fiscal 2018.

For more information about Platío, visit <https://plat.io/en/home>

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