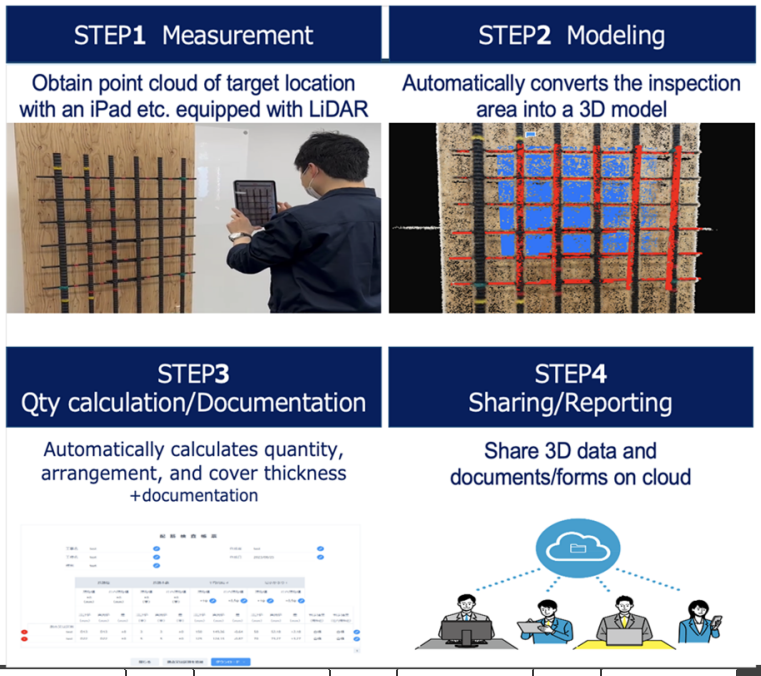
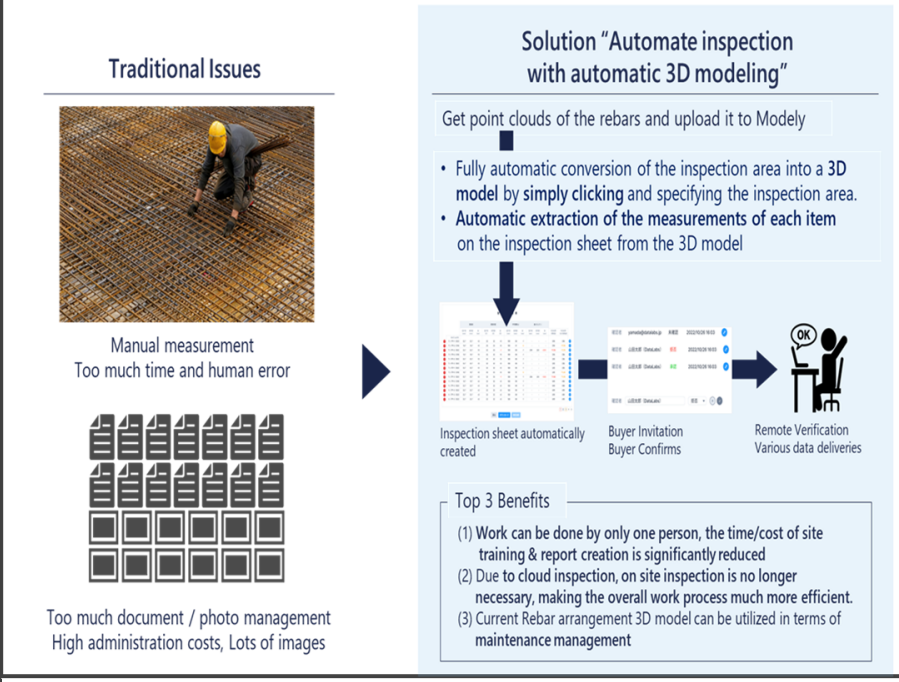
Registration Date: Mar. 27, 2024

Company Informatin	Company Name	DataLabs, Inc.				Industry	Other		
	Website	https://www.datalabs.jp/							
Technology / Solution	Tech/Solution Name	Solution “Automate inspection with automatic 3D modeling” （3D reinforcement inspection tool「Modely」）							
	Which field does the tech/solution contribute to?	Quality Infrastructure and Smart City							
	″Quality Infrastructure″ Which category can the tech/solution be applied to?	Road/Bridge	○	Port	○	Airport	○		
		Water and Sewage	○	Power generation /Energy	○	Railroad	○		
		Housing	○	ICT	×	Others（Free Writing）	0		
	″Smart City″ Which problem can the tech/solution solve?	Traffic/Mobility	×	Energy	×	Disaster Prevention	×		
		Infrastructure Maintenance	○	Community Activation /Sightseeing	×	Health/Medical	×		
		Agriculture, Forestry and Fisheries	×	Environment	×	Security	×		
		Logistics	×	Urban Planning /Maintenance	○	Others（Free Writing）	0		
	Key words	Automatic 3D modeling							
	Overview of the tech/solution	・Automate reinforcement inspection with a single iPad! ・Automatically generates 3D models from point cloud and completes everything from pass/fail evaluation of inspection items to the creation of inspection sheets. ・By utilizing 3D data, multiple inspection items and complex reinforcement types such as circular hoop reinforcement can be handled.								
	Discription of the tech/solution									
	Glocal Expansion	Asia	Consider if requested	Africa	No plan to develop	Middle East	No plan to develop	Europe	Consider if requested
		Russia	No plan to develop	Oceania	No plan to develop	North America	Consider if requested	Mid/South America	No plan to develop

<table>
<tr><td rowspan="5">Case Study</td><td>Country</td><td>JAPAN</td></tr>
<tr><td>City</td><td>Non-disclosure</td></tr>
<tr><td>Project name</td><td>【Central Nippon Expressway Company Limited】Demonstration of efficiency in on-site inspection using reinforcement inspection tools</td></tr>
<tr><td>Project Overview</td><td>〇Method
We will evaluate the reinforcement inspection tool "Modely" by comparing it with current business methods.
[Evaluation items]
Automatic pass/fail judgment of inspection items, effectiveness of form output, work efficiency, etc.
[Inspection flow using Modely]
Step 1: Scan the area to be inspected using a tablet device with LiDAR function. Upload the acquired scan data to Modely's cloud system
Step 2: Check the rebars model generated based on point cloud data
Step 3: Perform inspection using the form automatically generated from the rebar model
〇Result
We confirmed that the overall work time involved in inspections can be reduced compared to the current work method.</td></tr>
<tr><td>Discription of the project</td><td> 
</td></tr>
<tr><td>Website of the project</td><td>https://www.c-nexco.co.jp/corporate/pressroom/news_release/5830.html</td></tr>
<tr><td>SDGs</td><td colspan="2">1 2 3</td><td colspan="6">4 5 6 7 8 9 10 11 12 13 14 15 16 17</td></tr>
<tr><td>Note (Award etc.)</td><td colspan="8">・New Technology Information System:NETIS（CB-230008-A）

・Received the Ministry of Land, Infrastructure, Transport and Tourism's Infrastructure DX Grand Prize (Startup Encouragement Award)（February 2024）</td></tr>
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