



**3Dscans of underground fortifications in Maastricht,
Leander GOOR, Cursor AM, NL**



Cursor in short

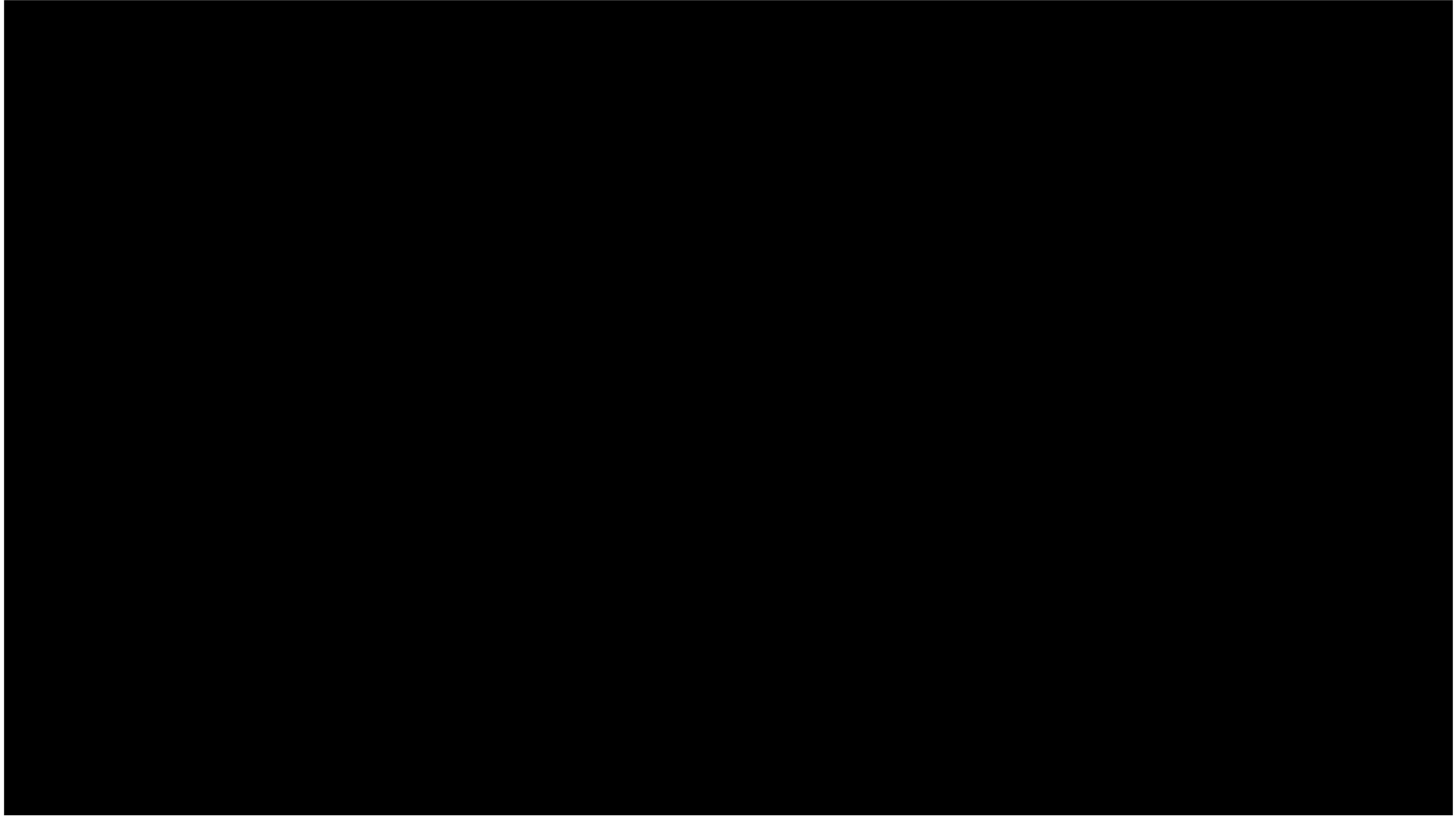
- Web-based 3D inspection platform
- Artificial Intelligence as a Service

The screenshot displays the BAM Cursor Visual Intelligence interface. On the left, a navigation menu includes 'Assets', 'Inspections', and 'Asset data'. The main area is divided into several sections:

- Filters:** Includes 'Element' (Oplegging, Steunpunt), 'Bebording en bewegwijzering (statisch)', 'Geleideconstructie' (Hemelwaterafvoer (HWA)), 'Hoofdraagconstructie' (Leuningconstructie), 'Schampkant' (Talud, Onderbouw), and 'Type betonschade' (Betonschade, Oppervlaktegebrek, Scheur).
- Schades:** A table listing damage incidents with columns for ID, SCHADE, and STATUS.
- Maatregelen:** A table listing measures with columns for ID and MAATREGEL.
- Visuals:** Two bar charts for 'Type betonschade' (Betonschade) and 'Type oppervlaktegebrek' (Graffiti). A 3D model of a bridge pier is shown on the right, with green and red annotations highlighting damage and graffiti.

© 2022 BAM Infra
Goor, Leander

3D Visual Inspection Platform



3D Visual Inspection Platform



The screenshot displays the 3D Visual Inspection Platform interface. The main view shows a 3D model of a bridge structure with several purple highlights indicating detected cracks. The interface includes a navigation menu on the left with sections for VIEWS, CAMERAS, ISSUES, MEASUREMENTS, and NOTES. The right-hand panel contains the following sections:

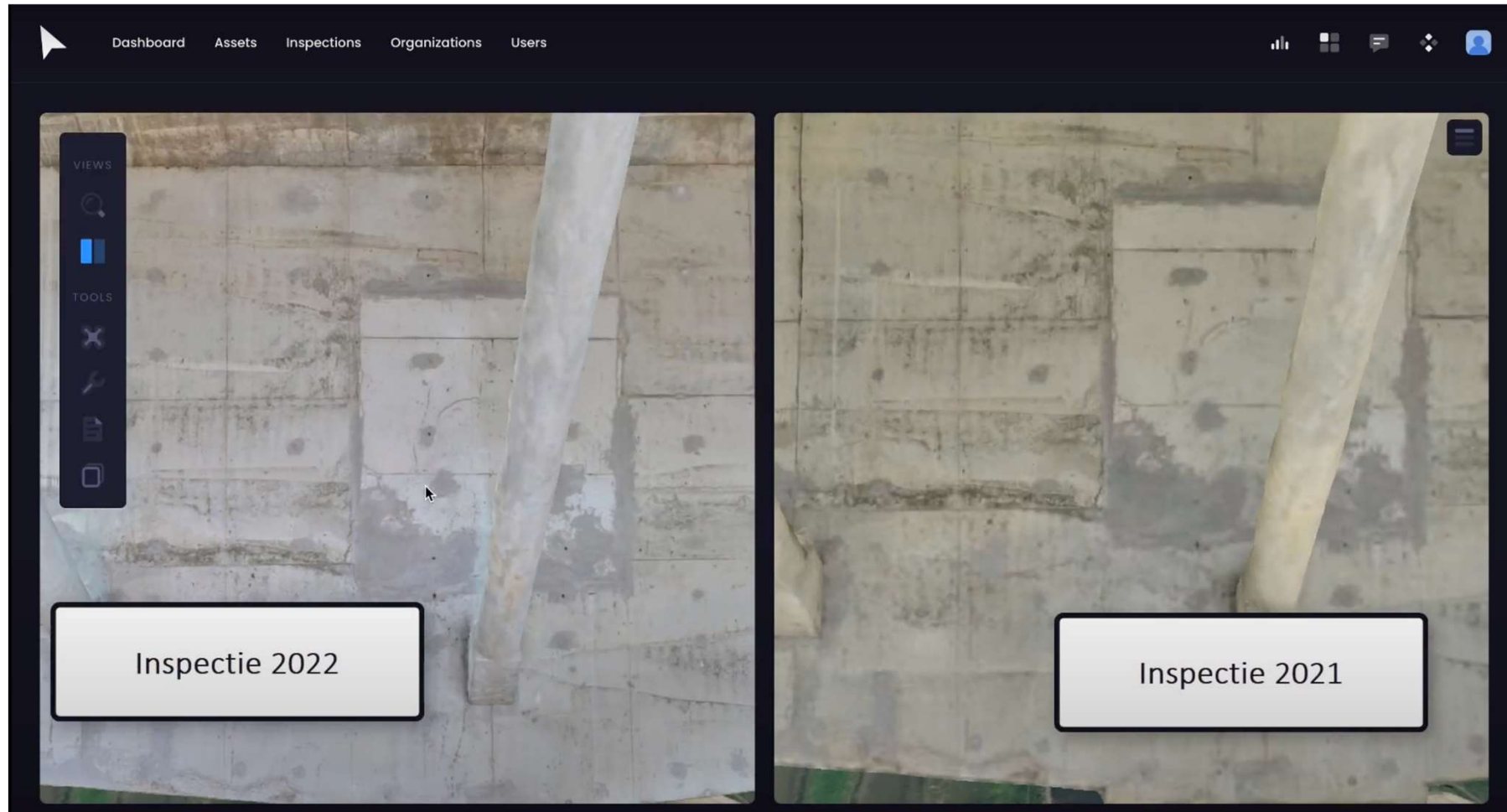
- Issues:** All issues for the inspection
- Sizes:** Min. Issue size: 0, Max. Issue size: 96739
- Filters:** CRACK
- Photos:** EXTEND ALL ISSUES

The issue list shows two groups of detected cracks:

- 176208:** 2660608 CRACK SUGGESTED, 2660609 CRACK SUGGESTED
- 176209:** 2660761 CRACK SUGGESTED, 2660762 CRACK SUGGESTED, 2660763 CRACK SUGGESTED, 2660764 CRACK SUGGESTED, 2660807 CRACK SUGGESTED, 2660808 CRACK SUGGESTED

2022 © Cursor Asset Management About Support

Photorealistic Digital Twin



Examples



Dashboard Assets Inspections Organizations Users

Issues
All Issues for the inspection

Sizes
Min. Issue size: 0
Max. Issue size: 50430769

Filters
CRACK

Selected photo
CRACK

ID	Issue Type	Status
241886	CRACK	SUGGESTED
241881	CRACK	SUGGESTED
241881	CRACK	SUGGESTED
241813	CRACK	SUGGESTED
241814	CRACK	SUGGESTED
241813	CRACK	SUGGESTED
241816	CRACK	SUGGESTED
241817	CRACK	SUGGESTED
241818	CRACK	SUGGESTED
241819	CRACK	SUGGESTED
241820	CRACK	SUGGESTED
241821	CRACK	SUGGESTED
241822	CRACK	SUGGESTED

2024 © Cursor Asset Management About Support

Dashboard Assets Inspections

Issues
All Issues for the inspection

Sizes
Min. Issue size: 6386
Max. Issue size: 243661

Filters
CRACKED_PAINT CORROSION

Photos
EXTEND ALL PAGES

ID	Issue Type	Status
48913	CRACKED_PAINT	SUGGESTED
48917	CORROSION	SUGGESTED
48927	CRACKED_PAINT	SUGGESTED
48941	CORROSION	SUGGESTED

2024 © Cursor Asset Management About Support

Dashboard Assets Inspections Organizations Users

Issues
All Issues for the inspection

Sizes
Min. Issue size: 0
Max. Issue size: 50430769

Filters
CRACK

Selected photo
CRACK

ID	Issue Type	Status
241886	CRACK	SUGGESTED
241881	CRACK	SUGGESTED
241881	CRACK	SUGGESTED
241813	CRACK	SUGGESTED
241814	CRACK	SUGGESTED
241813	CRACK	SUGGESTED
241816	CRACK	SUGGESTED
241817	CRACK	SUGGESTED
241818	CRACK	SUGGESTED
241819	CRACK	SUGGESTED
241820	CRACK	SUGGESTED
241821	CRACK	SUGGESTED
241822	CRACK	SUGGESTED

2024 © Cursor Asset Management About Support

Dashboard Assets Inspections Organizations Users

Issues
All Issues for the inspection

Sizes
Min. Issue size: 6386
Max. Issue size: 243661

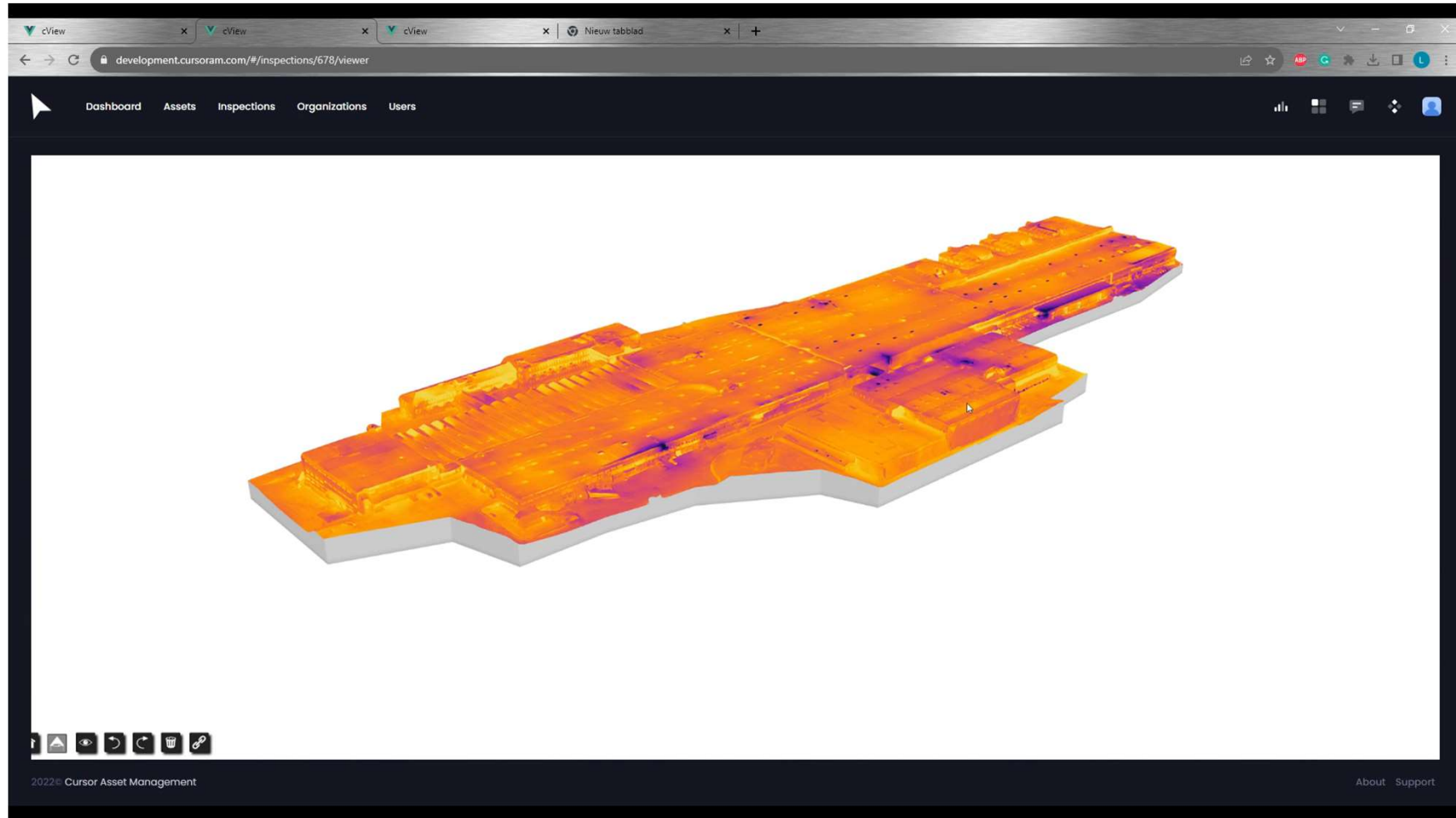
Filters
CRACKED_PAINT CORROSION

Photos
EXTEND ALL PAGES

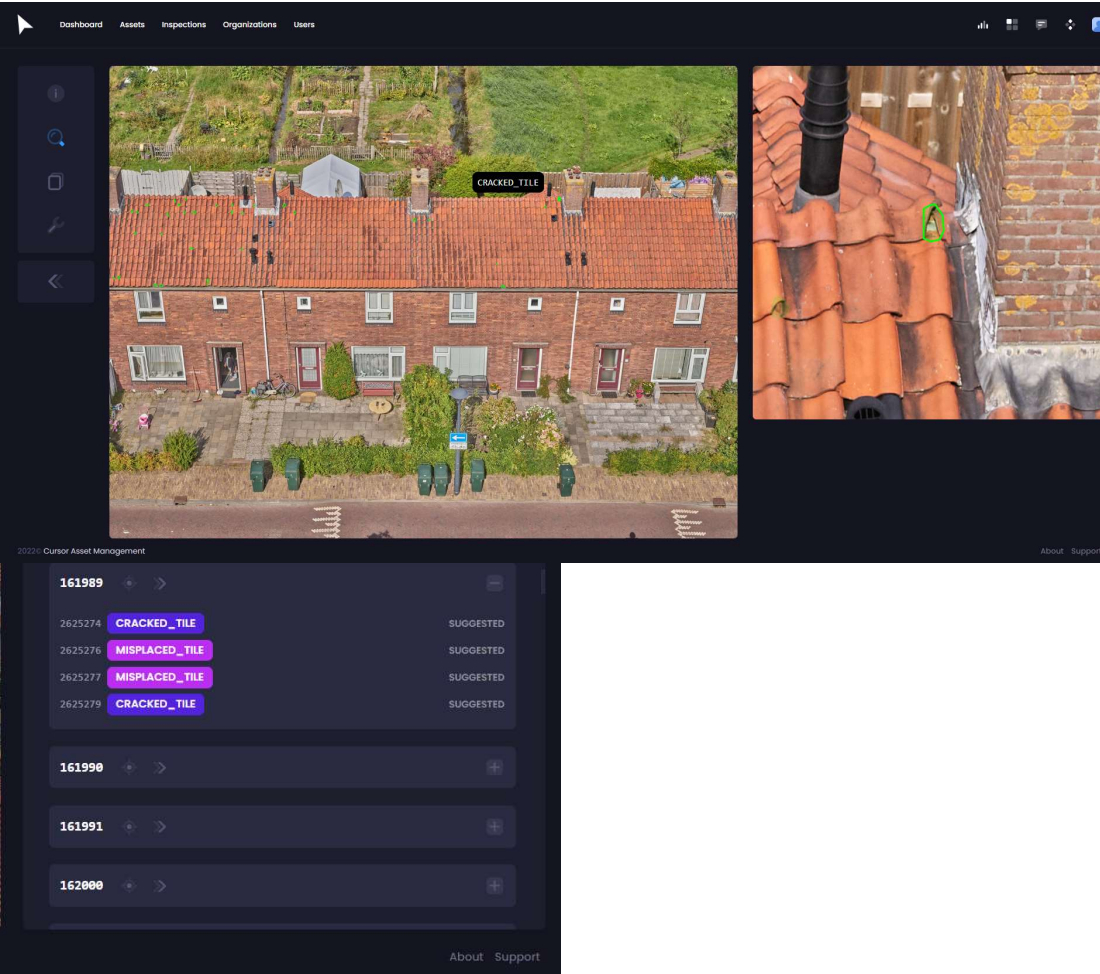
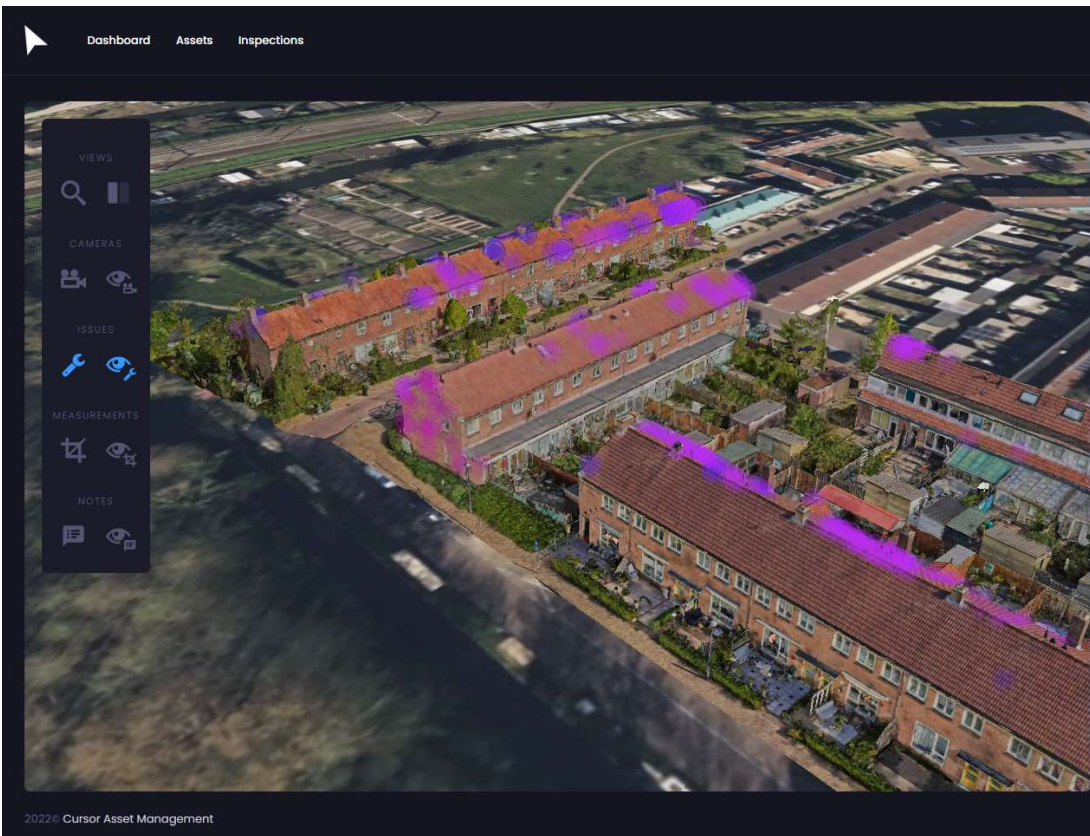
ID	Issue Type	Status
48913	CRACKED_PAINT	SUGGESTED
48917	CORROSION	SUGGESTED
48927	CRACKED_PAINT	SUGGESTED
48941	CORROSION	SUGGESTED

2024 © Cursor Asset Management About Support

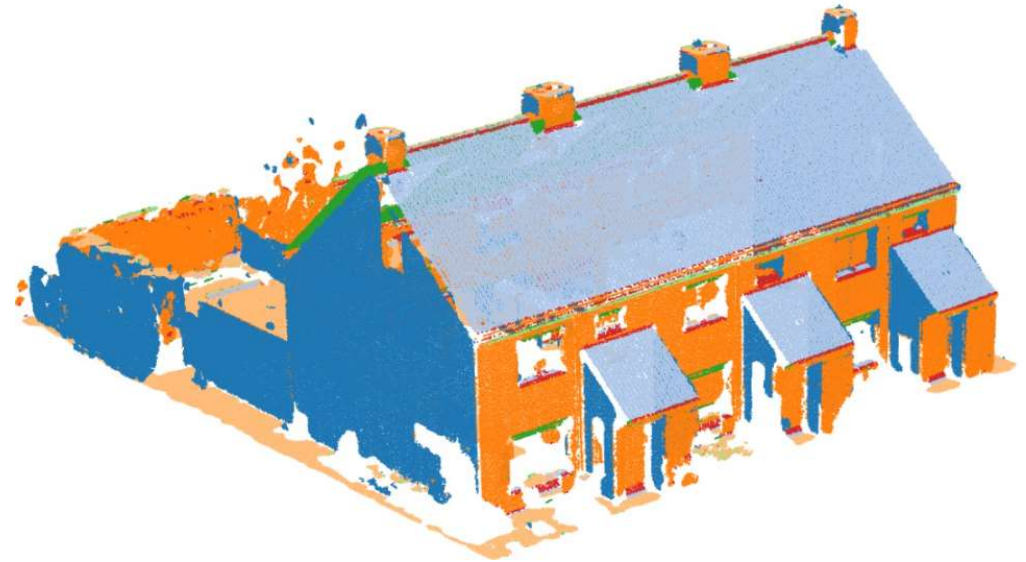
3D Visual Inspection Platform – Infra Red



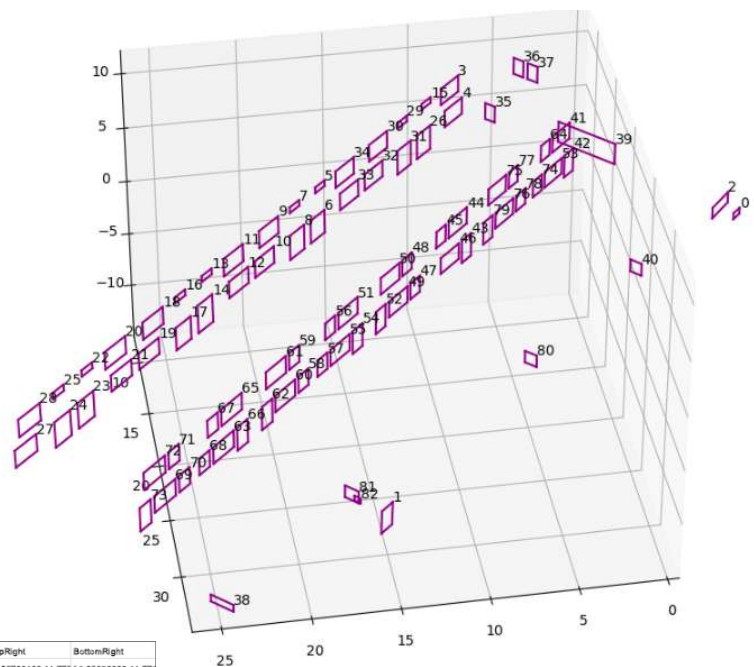
BAM Wonen – Artificial Intelligence as a Service



BAM Wonen – Artificial Intelligence as a Service



BAM Wonen – Artificial Intelligence as a Service



Type	Class	Width	Height	Surface m2	BottomLeft	TopLeft	TopRight	BottomRight	
0	other	A	0.662	0.574	0,39126004562046	[9.3363114 11.292	[-9.33566911 11.292	[-8.85736133 11.777	[8.85802336 11.776
1	door	F	0.978	2.083	2,03727380919228	[15.79572257 36.25	[15.76053244 36.28	[16.45773114 36.97	[16.49292127 36.93
2	window	J	1.95	0.992	1,93427977115089	[8.73420526 10.76	[8.72454152 10.752	[7.43849669 12.217	[7.44816043 12.226
3	window	K	1.827	1.55	2,83072705847883	[5.45403544 -0.750	[5.46024681 -0.756	[6.75433276 0.532	[6.74812139 0.538
4	window	Ks	1.826	1.564	2,85564981301601	[5.14041071 -1.078	[5.15538064 -1.084	[6.44911379 0.204	[6.44314386 0.210
5	window	C	0.924	0.535	0,4942425046110	[15.17780256 8.943	[15.17919288 8.942	[15.83405385 9.594	[15.83267354 9.592
6	window	H	1.38	2.15	2,96552391708528	[15.19845285 8.922	[15.20509109 8.915	[16.18252084 9.886	[16.1758826 9.896
7	window	C	0.925	0.528	0,48821993069458	[16.94044423 10.68	[16.94170324 10.68	[17.59697212 11.33	[17.59571311 11.33
8	window	I	1.39	2.293	3,1673891464314	[16.62699538 10.33	[16.63158255 10.33	[17.6166636 11.314	[17.61207643 11.31
9	window	Ks	1.826	1.597	2,91619963006129	[18.38057461 12.09	[18.38595775 12.06	[19.68008245 13.37	[19.67469932 13.38
10	window	K	1.826	1.561	2,85053418307985	[18.70846477 12.41	[18.71171912 12.41	[20.005637 13.699	[20.00338264 13.70
11	window	K	1.826	1.613	2,94428981518393	[20.76529349 14.48	[20.77318165 14.47	[22.06685554 15.76	[22.05898738 15.77
12	window	Ks	1.826	1.523	2,78125272828023	[20.45713251 14.16	[20.462486 14.163	[21.75663905 15.45	[21.75128557 15.45
13	window	C	0.925	0.542	0,50148389361425	[22.84743988 16.54	[22.84813212 16.54	[23.50380341 17.20	[23.50311117 17.20
14	window	Is	1.374	2.983	395,027,077,051,66	[22.85162191 16.54	[22.86212516 16.53	[23.8362368 17.504	[23.82573355 17.51
15	window	C	0.926	0.533	0,49323554058665	[7.53014866 1.315	[7.53122751 1.314	[8.18730767 1.967	[8.18622702 1.968
16	window	C	0.925	0.55	0,50858942144302	[24.589308 18.310	[24.59097598 18.30	[25.24626156 18.96	[25.24459358 18.96
17	window	Hs	1.374	2.097	2,88126092473084	[24.29365233 17.97	[24.29953509 17.97	[25.27326834 18.93	[25.26738658 18.94

BAM Bouw en Techniek – 3D opname dvm iPad



The screenshot displays the Cursor Asset Management software interface. At the top, there are navigation tabs for "Dashboard", "Assets", and "Inspections". The main view is a 3D aerial rendering of a construction site, overlaid with numerous blue annotations and labels. A left-hand sidebar contains a menu with categories: "VIEWS", "CAMERAS", "ISSUES", "MEASUREMENTS", and "NOTES". On the right side, a "Notes" panel is visible, containing a list of notes with their IDs, timestamps, and descriptions. At the bottom of the interface, there are buttons for "Export PDF" and "Add Note".

Photo 162150 0/0

Dashboard Assets Inspections

VIEWS
CAMERAS
ISSUES
MEASUREMENTS
NOTES

Notes
All notes from all project members

- 1273 Aug 3, 2022, 02:42 PM
20 losse stenen weggehaald Roestende ankers
Medium
- 1272 Aug 3, 2022, 02:32 PM
Rollaag 5 losse stenen weggehaald
Medium
- 1271 Aug 3, 2022, 02:24 PM
50 losse koppen weggehaald Uitbuijing 10 m2
Medium
- 1270 Aug 3, 2022, 02:24 PM
50 losse koppen weggehaald Uitbuijing 10 m2
Medium

Export PDF Add Note

2022 © Cursor Asset Management About Support

BAM Bouw en Techniek – 3D opname dvm iPad



The screenshot displays the Cursor Asset Management software interface. The main view shows a 3D model of a brick wall with several areas highlighted in white and one in green. The areas are labeled with their respective measurements: Area: 1.04m², Area: 2.79m², Area: 7.04m², Area: 3.1m², Area: 28m², Area: 2.29m², Area: 18.51m², and Area: 3.1m². A sidebar on the left contains navigation options: VIEWS, CAMERAS, ISSUES, MEASUREMENTS, and NOTES. The right sidebar displays camera information (LAT: 50.852692, LON: 5.678149, ALT: 175.28, Pitch: -26.2, Heading: 215.5) and a list of issues. The selected issue is 'POLYGON: MEASURE-855' with the description 'vervangen voegwerk baksteen'. Other issues include 'in- en outboeten losse bakstenen' and 'POLYGON: MEASURE-857' with the description 'Vervangen voegwerk in natuursteen'. At the bottom of the interface, there are icons for Distance, Area, and Height, and a footer with '2022 © Cursor Asset Management' and 'About Support'.

BAM Bouw en Techniek – 3D opname



The screenshot displays a software interface for managing 3D assets. At the top, there are navigation tabs: "Dashboard", "Assets", and "Inspections". The main view shows a 3D model of a stone wall with several inspection points marked with blue arrows and numbered labels: 1270, 1267, 1266, 1268, and 1265. A vertical sidebar on the left contains icons for "VIEWS", "CAMERAS", "ISSUES", "MEASUREMENTS", and "NOTES". On the right side, a "Notes" panel is open, showing a list of notes with their IDs, dates, and descriptions. The notes are categorized as "Medium" severity. The notes list includes:

- 1271: Aug 3, 2022, 02:24 PM. 50 losse koppen weggehaald Uitbuiking 10 m2
- 1270: Aug 3, 2022, 02:24 PM. 50 losse koppen weggehaald Uitbuiking 10 m2
- 1269: Aug 3, 2022, 02:16 PM. Oude restauratie geen ingeboet steenwerk tegen gekomen alleen losse ankers welke verniet zijn Hechting specie zeer slecht

Buttons for "Export PDF" and "Add Note" are visible at the bottom of the notes panel. The footer of the interface includes "2022 © Cursor Asset Management" and "About Support".