

STREAMLINE YOUR ASSET MANAGEMENT PROCESSES

General Motors and Nearmap

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General Motors (GM) — headquartered in Detroit, Michigan — maintains 29 automobile assembly facilities throughout North America. GM relies on a range of technologies like drones and virtual walkthroughs to maintain a clear view into their portfolio of properties, but they were looking for a streamlined way to keep tabs on their assets.

CHALLENGE

GM already had a LIDAR mapping program in place but the program was costly to maintain over time — around \$1.6M across 2 years. Although the data gathered was effective, GM was expanding its plants rapidly, and existing maps were becoming out-of-date. The company began to seek a more sustainable solution to provide the frequent updates they needed, but with cost-effectiveness in mind.

SOLUTION

High-resolution content offered by Nearmap was ideal for the needs of GM, and with updates that occur multiple times per year, the benefit of subscribing to a proactive capture program was made clear. Reality capture and engineering teams that sit within GM now had the supplemental insight needed — on top of LIDAR data — to get the job done.

“In our Arlington, TX facility, we added 1.5M sq feet of space. Nearmap allowed us to watch this happen over time. Previously **we would have had to organize and pay for 8 or 9 flights**, and financially, it wasn’t doable.”

John Brown, Supervisor MEI Reality Capture, GM

BUSINESS IMPACT

Regular captures allowed the right teams to detect and respond to change as development moved toward completion, avoiding costly errors during the planning stage. Previously GM would rely on commissioned flyovers to monitor projects, but Nearmap helped to decrease costs and reduce the time required to initiate a standalone capture with continuous, cloud-based access to the latest aerial views.

Seamless integrations allowed GM to integrate the latest imagery into their existing GIS applications, like Esri, Archibus, MicroStation and AutoCAD.



29 NATIONWIDE FACILITIES VIRTUALLY ACCESSIBLE



15x LOWER COSTS COMPARED TO LIDAR



CLOUD-BASED ACCESS TO CURRENT IMAGERY

- III Nearmap Vertical
- 📷 Nearmap Oblique
- 📦 Nearmap 3D

NEARMAP FOR AEC:

To learn more about Nearmap for transforming asset management practices, visit: www.nearmap.com

