**Voxelmaps**

*Maps For Machines*

*Voxelmaps is building the world’s most accurate 4D volumetric model of the earth, Digital Twin of the Planet, combining high-resolution scans using the latest LiDAR and HD imaging sensors, fused with a wide variety of other rich content. The result is a new form of mapping which provides superior levels of accuracy, information, and insight.*

**Key Contacts & Contracts (if applicable):**

Brian Soliday, Chief Revenue Officer

**Company Overview**

Voxelmaps was founded in 2017, and is a spin-off from Navmii, an established navigation & SD Mapping Company with 16 years of experience in mapping over 180 countries on a global basis. 350+ employees, with offices in 7 countries. Broad commercial customer base, including some of the largest technology companies in the world. Mobile mapping data collection of ~1.3M exceeded linear miles per year.

**Brief Summary:**

Voxelmaps is building the world’s most accurate 4D volumetric Digital Twin of the earth, combining high-resolution scans using the latest LiDAR and HD imaging sensors, fused with a wide variety of other rich content. The result is a new form of mapping which provides superior levels of accuracy, information, and insight. Voxelmaps has developed a patented technology that divides the planet into a dense matrix of multi-resolution voxels (3D pixels), with each voxel having a permanent location and address. The automated feature extraction is performed on this model using Voxelmaps’ AI software tools, the Voxelmaps Insight Platform (VIP).

**Relevant topics may include, but not limited to:**

* Digital Twins
* Digital Earth, Virtual Globes and Spatial-oriented Augmented Reality
* Geospatial AI
* Integrated BIM and GIS
* Disaster and Risk Management
* Unmanned Platforms
* 3D Modeling, Analysis and Visualization
* Model Web, Geospatial Workflows and Service Composition
* Spatiotemporal Data Acquisition, Modeling, and Analysis
* Earth Observation Systems

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