Scurid is selected by **EARTHBRAIN** to collect and build trust in **exchanging Co2 emission data with external parties.**
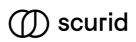
CO_2

CO_2

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About EARTHBRAIN

EARTHBRAIN Ltd. - a pioneering firm with a focus on revolutionizing the construction industry through digital solutions. As a joint venture owned by heavyweights including Komatsu Ltd., NTT Communications Corporation, Sony Semiconductor Solutions Corporation, and Nomura Research Institute, EARTHBRAIN is transforming the construction industry into a more productive, safe, and sustainable entity.

EARTHBRAIN offers a range of services like creating, supplying, and maintaining advanced digital tools. These include site visualization solutions, all-inclusive platforms, and apps aimed at improving efficiency and accuracy at construction sites.

Optimizing the construction processes through digital transformation to maximize productivity, improve worksite safety and environmental sustainability.

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About Scurid Inc.

At Scurid, we are building a platform that simplifies the adoption of secure digital identity & data trustworthiness for IoT/IIoT devices. A range of features that augment device identities with interoperability and data management capabilities.

With Scurid's easy-to-use API-based platform for robotics, sensors, etc. we want to enable, for our users, a crucial step towards the adoption of secure autonomous systems. With a deployment base of >1000 devices, Scurid is not only trusted in production but also enabling our customers go-to-market faster & safer.
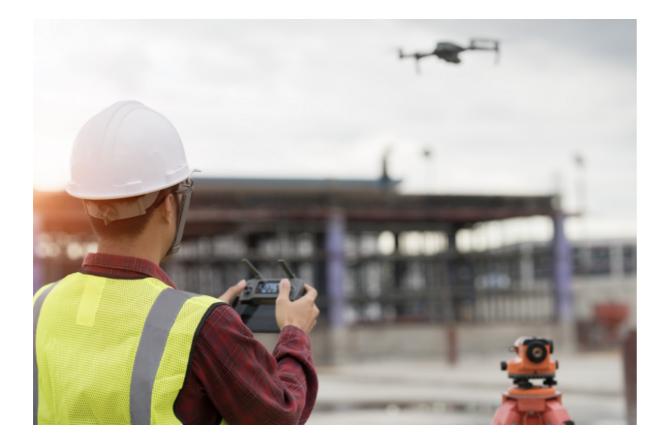
Scurid is already proving its production readiness and empowering customers to enter the market faster and safer.
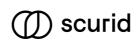
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Introduction

In today's rapidly evolving world, optimizing the construction production process with digital technology has become essential.

As part of EARTHBRAIN's commitment to support digital transformation in the construction industry for dramatically improved safety, productivity and environmental performance, EARTHBRAIN has embarked on a collaboration with Scurid, an early-stage startup company specializing in Industrial Internet of Things (IIoT) device identity and access management (IAM) platforms.
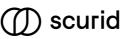
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How EARTHBRAIN deployed Scurid

EARTHBRAIN uses Scurid aimed to collect, trust, and exchange essential data related to Co2 emissions from construction and mining vehicles. By collecting data such as vehicle speed, GPS coordinates, fuel consumption, EARTHBRAIN seeks to gain valuable insights into the verifiable environmental impact of these vehicles.

This data is sent to the cloud via a CAN bus interface, a hardware retrofitted to the vehicles capable of communicating over a mobile connection every minute.

In the cloud, EARTHBRAIN's systems leverage the Scurid Edge agent and Scurid Server with a desktop app to sign the collected data with specific device identities. This ensures the verifiability of the data stream from the source to the databases.

Key advantages

Scurid helped fast track EARTHBRAIN's visionary project trusted data collection and exchange within two-month period, in addition Scurid helped deliver:

01   Freedom from fixed IoT device credentials

Using Scurid's Edge Agent fully automated Decentralized identity generation and delivery mechanism EARTHBRAIN achieved unique device identities that are completely in control of EARTHBRAIN and their edge devices. No manual secret creation and delivery process for fleet of devices.

02   Verifiable data source and tracking

The integration of Scurid's platform simplifies the implementation of robust data governance practices - with built in data quality checks, data verification data tamper resistance APIs makes entire framework future ready.

03   Simplified Data Governance through Web3.0 and blockchain features

Scurid's platform leverages well known APIs structure to fast track developer's efforts to deliver cutting-edge technologies to streamline data governance processes, enhancing efficiency and transparency.

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Key advantages

Scurid helped fast track EARTHBRAIN's visionary project trusted data collection and exchange within two-month period, in addition Scurid helped deliver:

04 **Faster go-to-market and evaluation**

By leveraging Scurid's production-ready platform, EARTHBRAIN can expedite its product development cycles and get to market faster, enabling quicker evaluation and feedback.

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Conclusion

The collaboration between EARTHBRAIN and Scurid represents a significant step forward in optimizing the construction production process with digital technology. Collecting, trusting, and exchanging Co2 emission data with external parties enables EARTHBRAIN to drive positive change in the industry, enhancing productivity, safety, and environmental adaptability.

With Scurid's robust IAM platform, EARTHBRAIN can ensure the authenticity and integrity of the collected data while simplifying data governance and facilitating collaboration with external parties.

The future holds immense potential as EARTHBRAIN and Scurid continue to innovate and shape the construction industry's digital transformation.

Scurid aim to empower construction companies to make data-driven decisions that lead to a reduction in environmental impact with EARTHBRAIN.

By providing accurate and verifiable Co2 emission data, companies can identify areas for improvement and implement sustainable practices.

Through this collaboration, Scurid is driving the industry towards a more sustainable and environmentally conscious future.

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Scurid is a unified platform enabling digital identities and delivering reliable information for your devices.

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