

2023

# Monochrome<sup>⦿</sup>

Building the  
future of  
smart homes



Use Case

# Table of Contents

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- 01 Our Team
- 02 What We Offer
- 03 Why We Chose Scurid
- 04 Privacy and Security
- 05 Partnering for Success
- 06 Our Vision for the Future
- 07 Challenges and Growth Opportunitites

# Our Team

We are a Tokyo-based startup revolutionizing the smart home industry by creating fully integrated systems that combine energy efficiency and convenience.

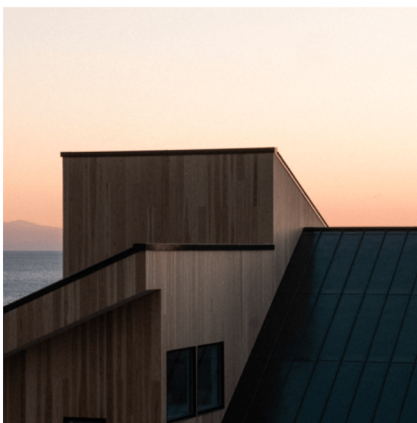


## Diverse Expertise

Our 30-person team is a mix of experts in construction, green tech, and software development from around the world.

## Collaboration

We work closely with our partners to seamlessly integrate disparate components into unified products.



## Commitment to the Environment

Our team is dedicated to creating sustainable, eco-friendly homes for our customers.

# What We Offer



## Roof-1

An integrated solar roofing solution complete with a home energy monitoring app.

## Home-1

An integrated control system that allows users to manage all aspects of their home from a single user interface.



## High-End Focus

We're currently focused on providing our solutions to high-end homes in suburbs and remote areas in Japan.



# Why We Chose Scurid

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Monochrome's cofounder and CTO, Russ, discovered that no system on the market met Monochrome's needs for uniquely identifying and securing large fleets of diverse IoT devices. Scurid's easy setup, offline features, and excellent support team were the perfect choice for Monochrome.

## Reduced Cloud Ties

AWS IoT Core would have tied Monochrome to the cloud, but Scurid's solution allows us to securely authenticate and encrypt data locally all while ensuring homeowners have sole access to their devices.

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## Support for MCUs

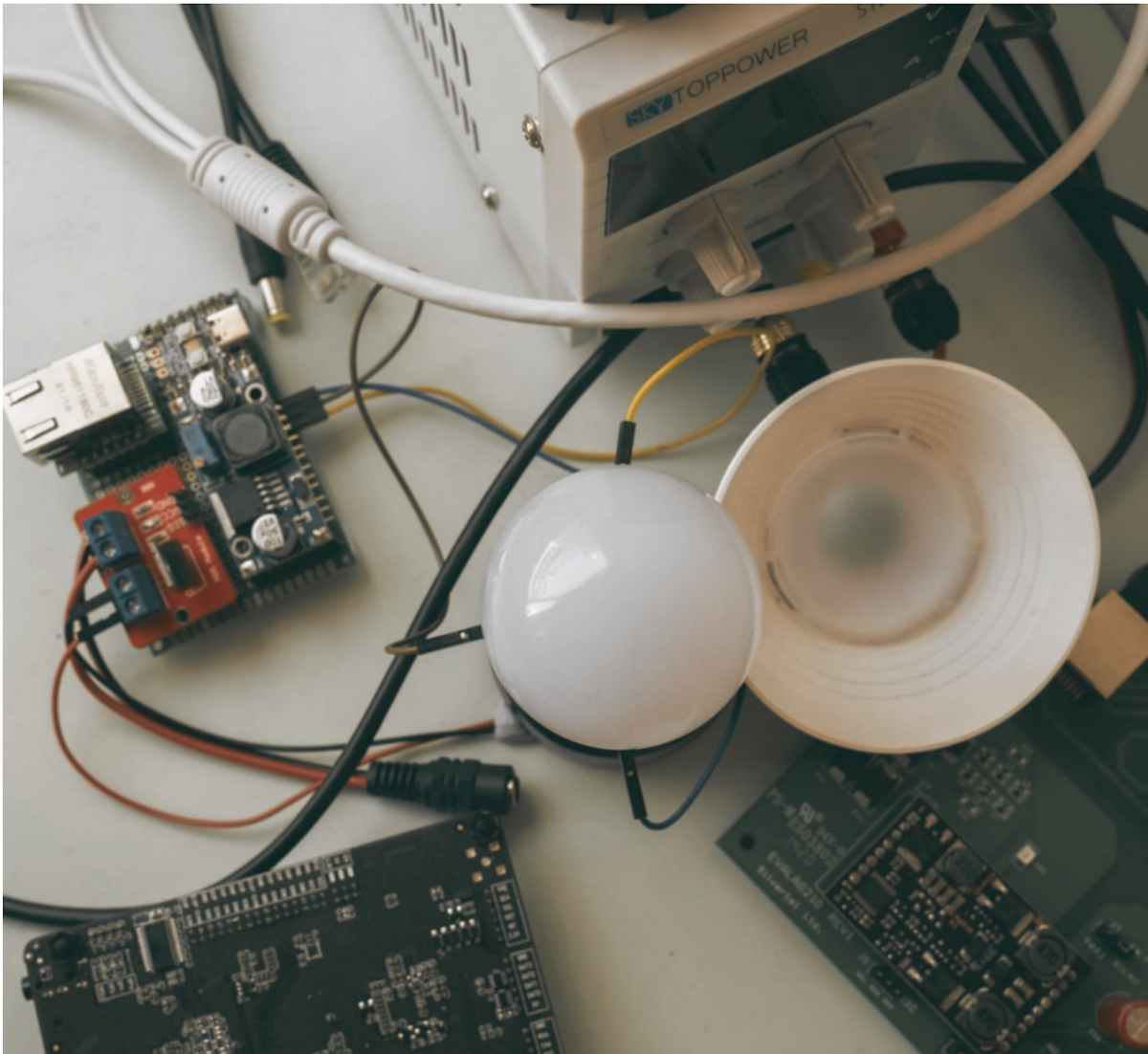
With our wide range of IoT devices, Monochrome requires a platform that can identify, deploy, and verify different devices that vary not just in size and shape, but also in hardware and software specs like choice of operating system and power requirements. Unlike with AWS, Scurid's excellent development team quickly added microcontroller support.

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# Why We Chose Scurid

## Future-Proofing

As Monochrome's business and range of devices continue to grow, the company is eager to use additional Scurid features such as data collection and storage. Integration between Scurid and databases like InfluxDB and MongoDB will be paramount.



# Privacy and Security

Monochrome recognizes the critical importance of maintaining privacy and security standards. Scurid helps defend our users, authenticating and encrypting data for the majority of our IoT devices that communicate only over local networks.



## 01 Attack Surface Reduction

Monochrome minimizes its attack surface, keeping homeowners safe from potential threats like hacked security cameras and baby monitors.

## 02 Authentication and Verification

Scurid protects Monochrome's edge devices while ensuring only homeowners have access to their devices.

## 03 Flexible Integration

Future integration between Scurid and Monochrome's iOS and Android apps will reduce the company's dependence on AWS and Google Cloud.

# Partnering for Success

Collaboration is key to Monochrome's success. We partner closely with architects, construction companies, solar equipment manufacturers, and other firms in the housing and green tech industries.



## 01 Product Design

We work closely with architects, designers, and construction companies to seamlessly integrate our products into homes and properties.

## 02 Product Development

Our partnerships with solar equipment and smart device manufacturers allow us to incorporate the latest technologies into our products.

## 03 Customer Satisfaction

We partner with property managers to ensure they have the tools they need to manage their properties with the utmost efficiency and ease.



# Our Vision for the Future

Monochrome believes that the future of smart homes will be increasingly sustainable, efficient, and customizable. We're poised to play a leading role in this transformation.

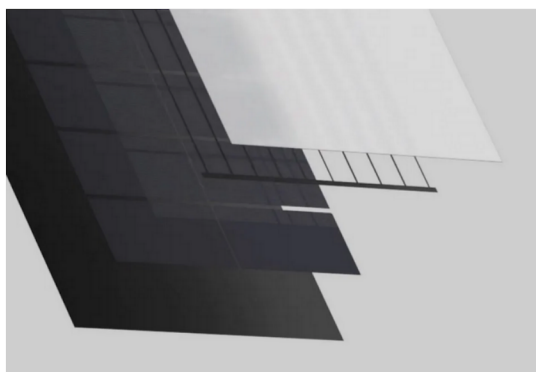
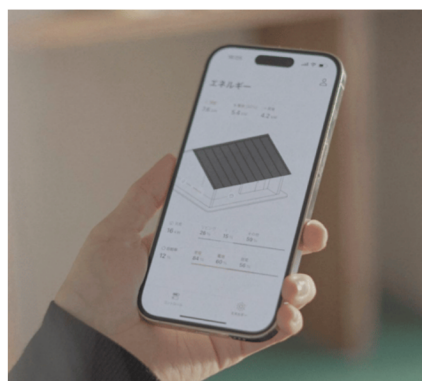


## Sustainability

Our products create a more energy-efficient and environmentally conscious future.

## Seamless Integration

As our technology continues to grow, so does our ability to integrate all aspects of the smart home into a single user-friendly interface.



## Personalization

Our products are tailored to the specific needs of homeowners and rental property managers, paving the way for a new era of smart living.

# Challenges and Growth Opportunities

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Monochrome has faced a number of challenges in its rapid growth, but has continually emerged stronger and more innovative. We're excited to continue evolving, pushing frontiers, and helping to make smart homes a reality for homeowners and rental property managers around the world.

## Managing Growth

Monochrome is learning to adapt quickly to its rapid growth through strategic partnerships and a flexible, agile team.

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## Remaining Competitive

As the smart home industry grows, Monochrome is determined to remain at the forefront of innovation, leading the way toward a more sustainable, efficient, and convenient future.

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## Making a Global Impact

Monochrome recognizes the importance of providing innovative solutions for the entire world, moving toward a greener, more sustainable future, and working together to build a better world.



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

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