



SEALCOIN

Making the IoT Transactional

SMART-HOME USE-CASE

March 2025

A **DECENTRALIZED** FUTURE FOR SMART HOMES



D2D Automation

Seamless device-to-device automation and smart interactions



Security

End-to-end encrypted device communication



Insights

Actionable data insights for enhanced home efficiency

REAL-TIME HOME MANAGEMENT



CHALLENGES IN TRADITIONAL **SMART HOMES**

Limited Integration

Devices operate in isolation, reducing efficiency

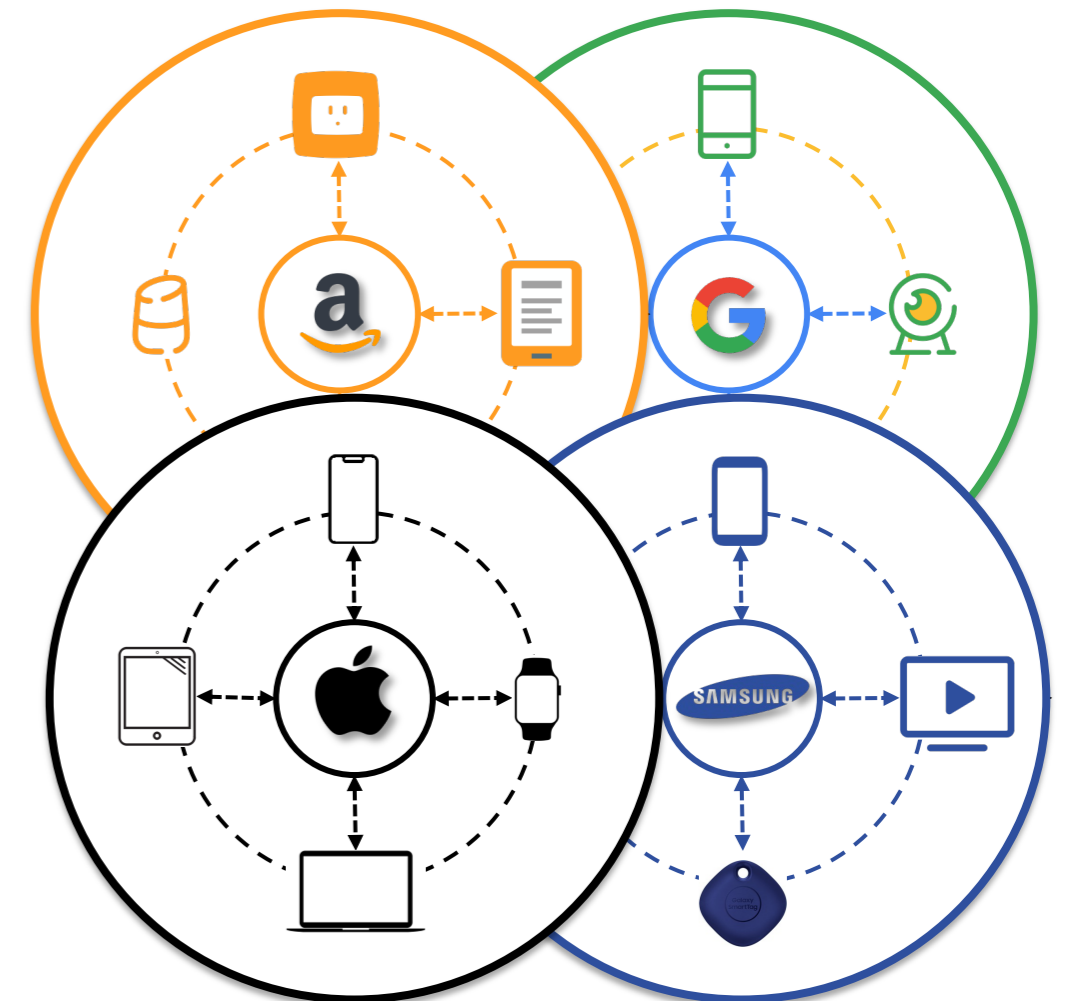
Inflexible Automation

Fixed routines without adaptive learning

Privacy Concerns

Centralized systems prone to security vulnerabilities

SCALABILITY CRISIS



OPTIMIZING HOME AUTOMATION

1

Adaptive Learning

Devices learn and adapt to homeowner preferences

2

Efficient Control

Smart Contracts & AI manage device interactions efficiently

3

Enhanced Comfort

Automated actions adjust instantly to homeowner behavior and external factors



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MONETIZING SMART HOME DATA



Autonomous Payments

IoT devices act as autonomous payment terminals with secure transactions embedded in their secure semi-controller



Smart Appliances

Usage insights inform predictive maintenance



IoT Home Sensors

Valuable real-time data enhances homeowner comfort



Community Networks

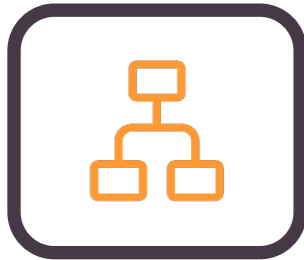
Shared insights power collective home efficiency



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WHY SEALCOIN ?



Peer-to-Peer

Direct and secure device transactions without intermediaries



Enhanced Privacy

Decentralized architecture secures personal data



New Home Experiences

Unlocks personalized smart home experiences



Trust & Transparency

Hardware secured by PKI with post-quantum algorithms and DLT



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JOIN THE FUTURE OF ENERGY

1

Partner With Us

Implement real-world PoCs in Smart Home automation

2

Explore New Possibilities

Unlock innovation in automation, security and data insights

3

Connect Today

Discuss collaboration opportunities



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CONTACT US!

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