

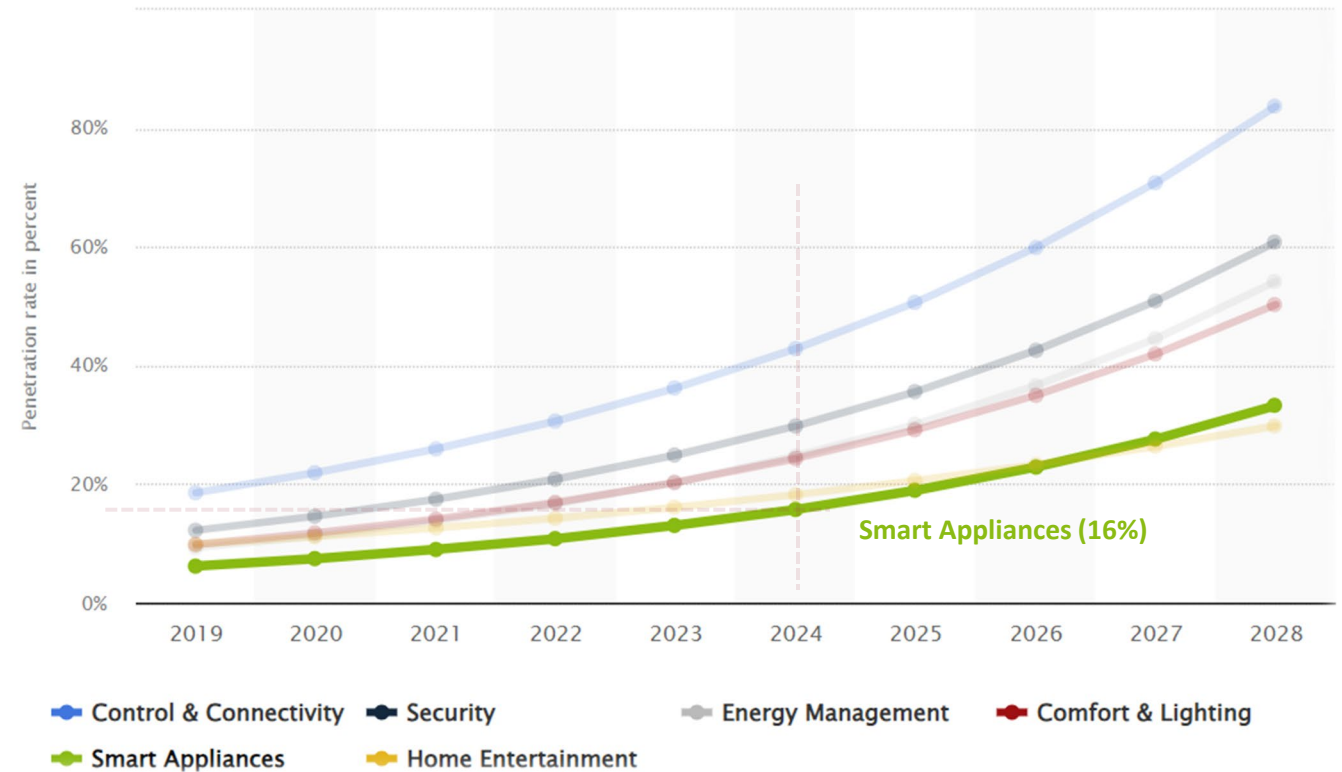


SALT LAKE IRON & STEEL LTD. CO.

THE PROMISE OF IOT APPLIANCES HAS FALLEN SHORT

U.S. Household Penetration

- Mobile phone adoption, and the apps running on them, have successfully seamlessly linked the consumer to the cloud.
- Smart Home technologies in Security, Comfort & Lighting, and Energy Management have higher embedment rates than Home Appliances (the lowest of all tracked home IoT categories.)
- Home Appliances, relying on a consumer's existing Wi-Fi network, have not enjoyed the same adoption.

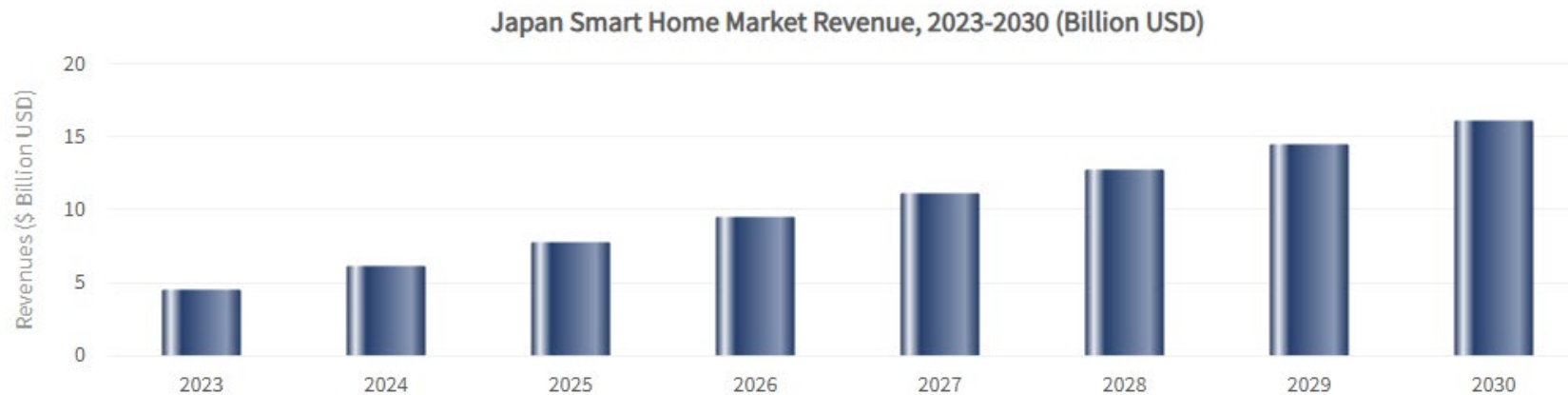


THE PROMISE OF IOT APPLIANCES HAS FALLEN SHORT

Japan Household Penetration

Market Awareness vs. Actual Adoption

- Smart-home appliance awareness in Japan is **very high (73.6%)**
- **Actual usage is only 10.9%** (2023 nationwide survey¹).
- Gap indicates **strong latent demand** but **limited real deployment**



Source : Next Move Strategy Consulting [Japan Smart Home Market Value Analysis | 2024-2030](#)

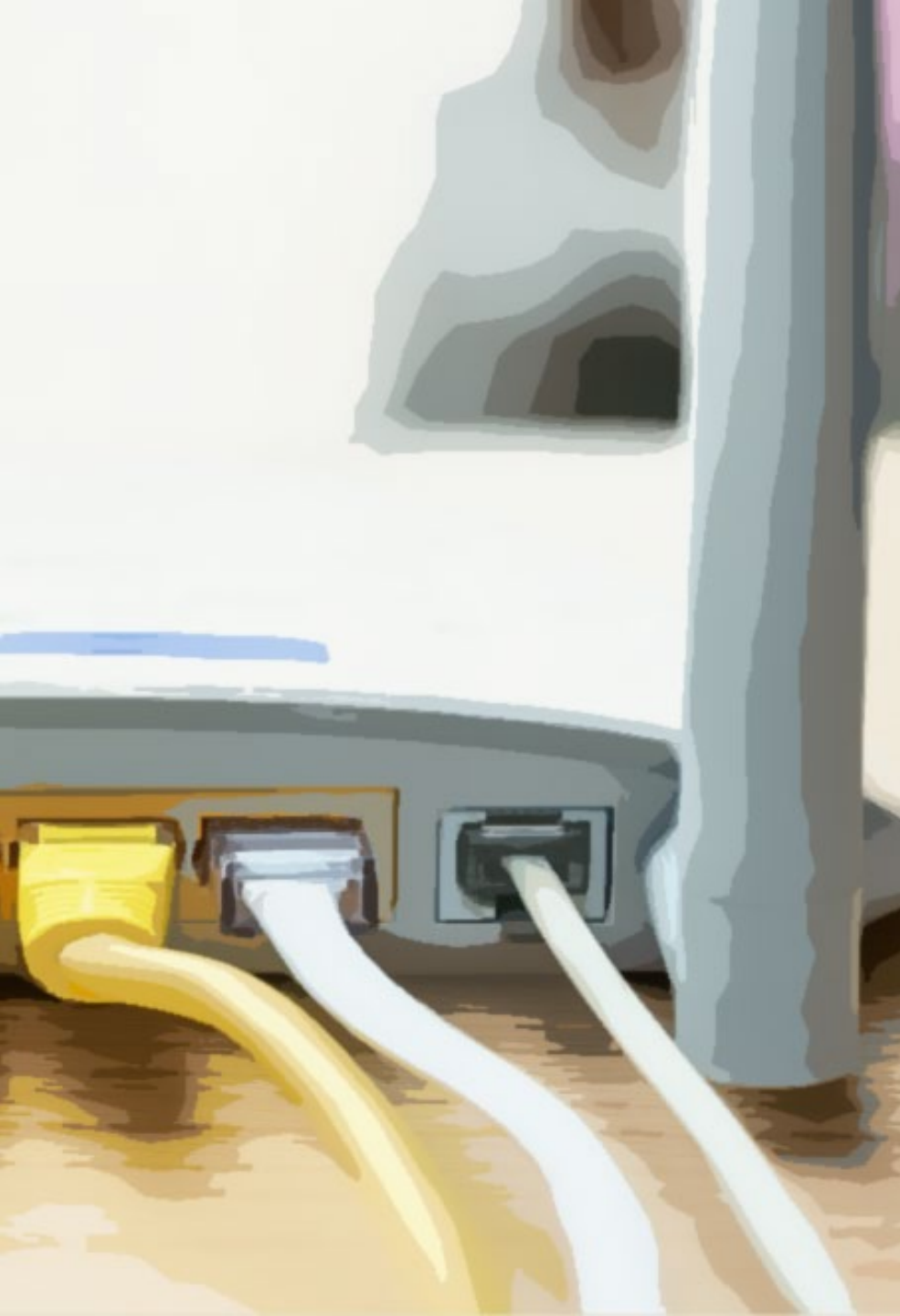
Market Growth Outlook

Japan's smart-home market (appliances + IoT devices + services) is projected to reach **US \$17–19 billion by 2030–2032**.

- Expected growth rate (CAGR): **9–18%**, depending on appliance category.

Sources

- PR Times 2023 Consumer Survey Japan Insights Market Forecast - <https://japaninsights.jp/reports-japan-smart-home-appliances-market/>
- Mordor Intelligence Japan Smart Home Market Report - <https://www.mordorintelligence.com/industry-reports/japan-smart-home-market>



THE PROBLEM

- Today's IOT appliances are connected to Wi-Fi because that is what is “around.”
- Today's Wi-Fi networks have been developed to stream data rich content, not to deliver an optimal smart home experience.
- Appliances rely on the end consumer to establish and maintain connection.
- Smart home connectivity remains fragmented and Wi-Fi dependent.
- Wi-Fi congestion and user-managed setup reduce reliability.
- Security vulnerabilities in standard networks hinder GX data integration.

Most major home appliances are not being effectively leveraged for data collection.

OUR VISION

- Appliances connect directly to their own network, and then to the cloud — no router, no setup.
- Continuous encrypted communication for diagnostics and optimization.
- Enables service-based ownership models (leasing, pay-per-use).
- Supports Tokyo's GX targets through predictive maintenance and energy analytics.

CUT THE CORD

IMAGINE A WORLD WHERE...

Appliances connect directly to the cloud; no pre-established network needed:

- Uninterrupted data streams
- Hassle-free warranty resolutions
- Continuous monitoring and support

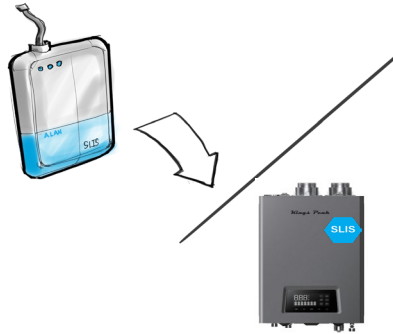
Monetization of the durable can be reimaged:

- Service Contracts
- Consumable subscriptions
- Rent-to-own over time vs. upfront shock of purchase and installation.
- Consumers benefit from improved owner experience versus reliance on user experience to drive adoption.

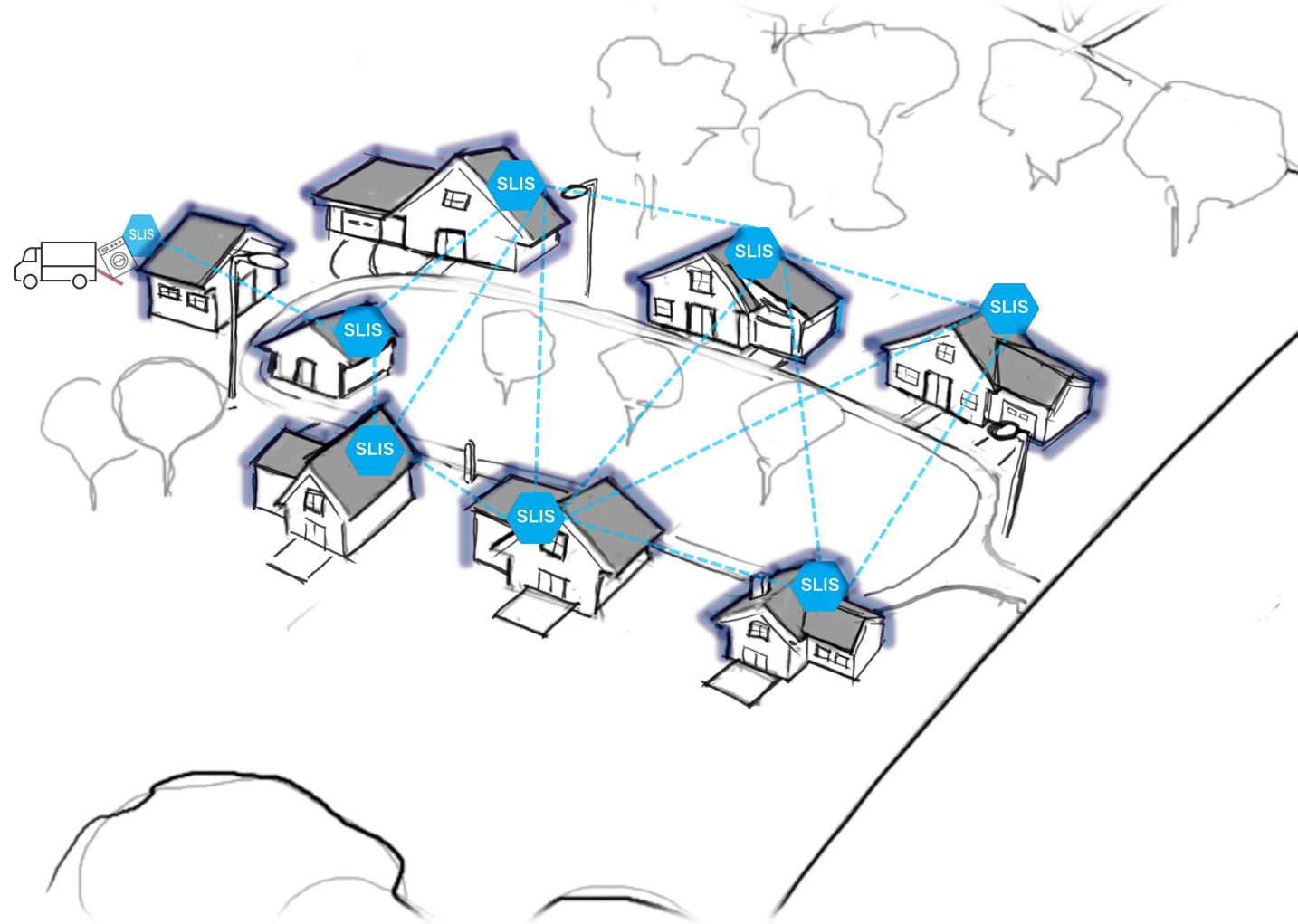
THE SOLUTION

SLIS Appliance Local Area Network (ALAN) Architecture

Leveraging home appliances in mesh to coordinate edge computing activities with minimal backhaul to the cloud.



Automatically extends without having to lay cables or build towers, simply plug in an additional appliance outside the existing network coverage for automatic network expansion.



PATENT PENDING TECHNOLOGIES FROM SLIS

WHY TOKYO / WHY NOW

- Alignment with TMG's GX and Smart City priorities.
- Japanese OEMs are global leaders — SLIS enhances their connectivity layer.
- Public-private co-development opportunity for secure smart-home infrastructure.
- SLIS ready for incorporation, pilot, and local manufacturing partnership.