

Contoso Installation Guide

Setup • Provisioning • Acceptance Tests

Version 1.0 | Contoso Electronics | Azure AI Foundry Case Study

CONTOSO INSTALLATION & ONBOARDING GUIDE

Scope: Consumer + Enterprise deployments. Revision: 2025-06.

PRE-INSTALL CHECKS

- Verify package contents against the packing list.
- Ensure power outlet and network ports are available.
- For wall-mounts/TVs: confirm stud placement and weight rating.
- For enterprise: confirm VLAN, DHCP scope, and NTP reachability.

STEP-BY-STEP

1. Power & Cables

- Connect power adapter; use surge protection where possible.
- For TVs, connect HDMI to input 1 or eARC port for audio receivers.

2. Network Provisioning

- Use the Contoso App to scan QR on the device label.
- Choose Wi-Fi or Ethernet. For Wi-Fi, prefer WPA2/WPA3.
- Enterprise 802.1X (EAP-TLS): upload client cert via IT portal.

3. Firmware & App Updates

- Device auto-checks OTA servers (ota.contoso.com). Keep online for 15 minutes.
- Do not disconnect power during update.
- Confirm version in Settings → About.

4. Personalization & Pairing

- Pair remote and accessories (BT LE). Allow relevant permissions.
- Configure services: Voice assistant, streaming apps, home automation.

5. Acceptance Tests

- Audio test tones; color bars for displays; network throughput check.
- Run "Quick Health" in app to verify sensors and storage.

SAFETY NOTES

- Keep ventilation clearance of 10cm minimum.
- Use only Contoso-approved batteries and adapters.
- Disconnect during lightning storms if surge protection is absent.

ENTERPRISE ROLLOUT CHECKLIST

- Golden image created and validated.
- MDM profile applied; device enrollment verified.
- Asset tags recorded; serial numbers mapped to locations.
- Monitoring hooks: syslog/mqtt endpoints configured.

TROUBLESHOOTING DURING INSTALL

- If QR pairing fails, enable soft-AP and retry.
- For Ethernet issues, verify link lights and switch port config.

- If update stalls, reboot device and check DNS reachability.