EDGE AI

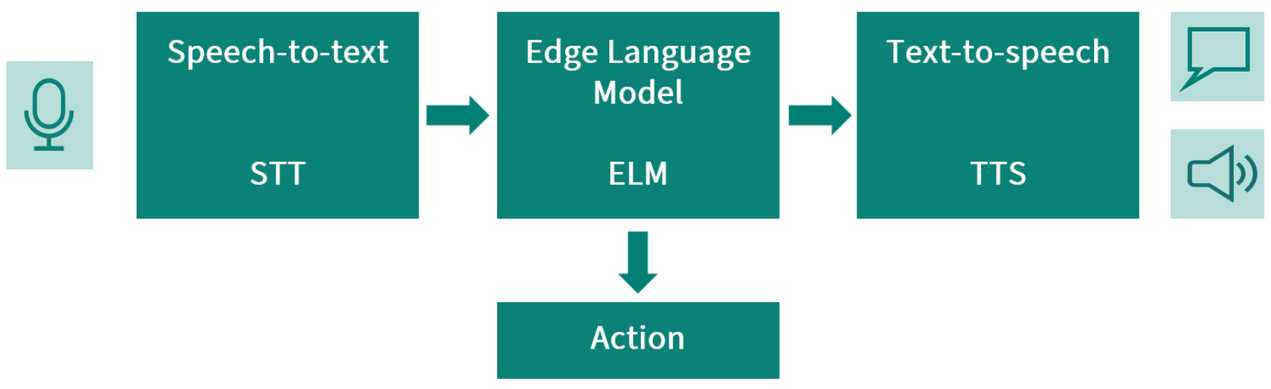
Conversational AI enabled by PSOC™ Edge

Talk to your oven like you'd talk to a person. Edge language models on a PSOC™ Edge microcontroller turn a conventional appliance HMI into a natural conversation. Users can speak freely, asking questions about the product or giving commands like 'start a bake cycle' or 'change temperature'. No cloud, low latency, no data leaves the appliance.

Benefits
- Chance for users to speak naturally
- Privacy protection
- Low latency
- Intuitive user experience
- Minimized BOM/system cost

Highlight products
- PSOC™ Edge E8x microcontrollers
- DEEPCRAFT™ AI Suite
- XENSIV™ digital microphones

Applications
- Kitchen appliances
- Health and lifestyle devices
- HVAC systems / thermostats
- Industrial HMI



Scan for more information