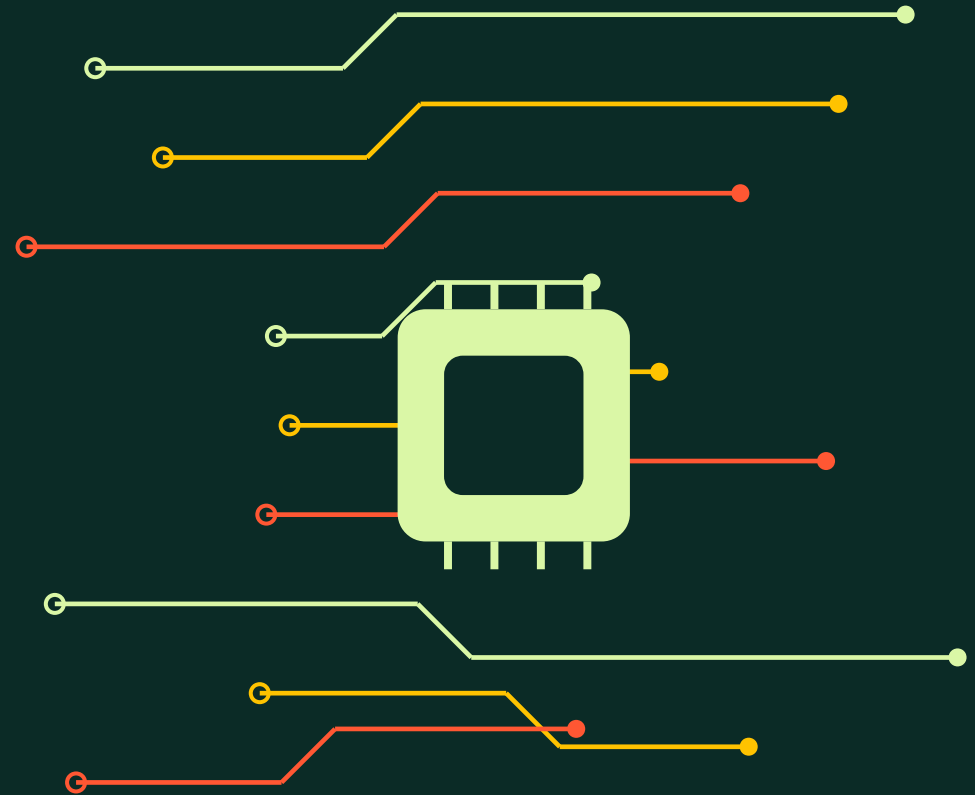


TECHNICAL SEMINAR

Internet of Things (IoT)

Connected devices that sense, think and act



PRESENTED BY
Presenter Name

DATE
2026

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02 | Agenda

01

Introduction

02

Architecture

03

Trends

04

Adoption



**When everyday objects
can talk, everything gets
smarter.**

Why it matters

04 | How it works

01 Sense

Sensors measure the world

02 Connect

Wi-Fi, BLE, LoRa or cellular

03 Analyse

Edge or cloud processing

04 Act

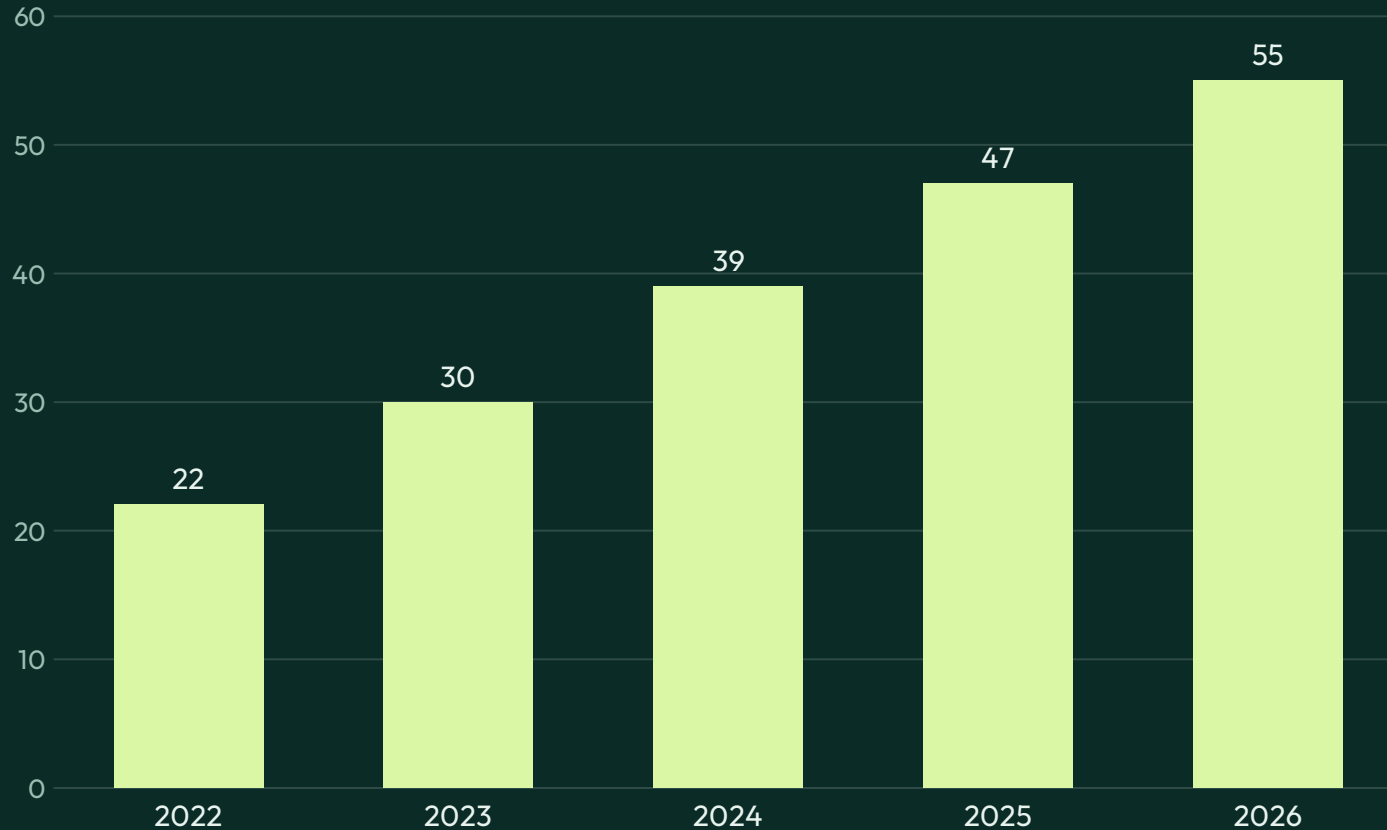
Alerts and automatic control

05 | Tools and options

Layer	Popular choices	Notes
Boards	ESP32, Raspberry Pi	Cheap prototyping
Protocols	MQTT, HTTP, CoAP	Lightweight messaging
Platforms	Dashboards and rules engines	Start with open source

Generic examples; pick what fits your project.

06 | Adoption over time



Adoption keeps rising as tools mature (sample data).

Sample data for illustration — replace with your own figures.

07 | Use cases



Image 1

Smart agriculture

Soil and weather sensing



Image 2

Smart homes

Lights, locks and energy



Image 3

Industry

Predictive maintenance

08 | Benefits and risks

Benefits

- ✓ Real-time visibility
- ✓ Automation saves cost
- ✓ New services possible

Risks

- Security vulnerabilities
- Battery and power limits
- Interoperability gaps

09 | Getting started roadmap

Week 1

Learn

Core concepts and a tutorial

Week 3–4

Pilot

One real use case

Week 2

Prototype

Small proof of concept

Month 2

Scale

Standards, monitoring,
training

Questions?

Thanks for your time.

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