



# Zephyr™ OS for Edge Connected Devices

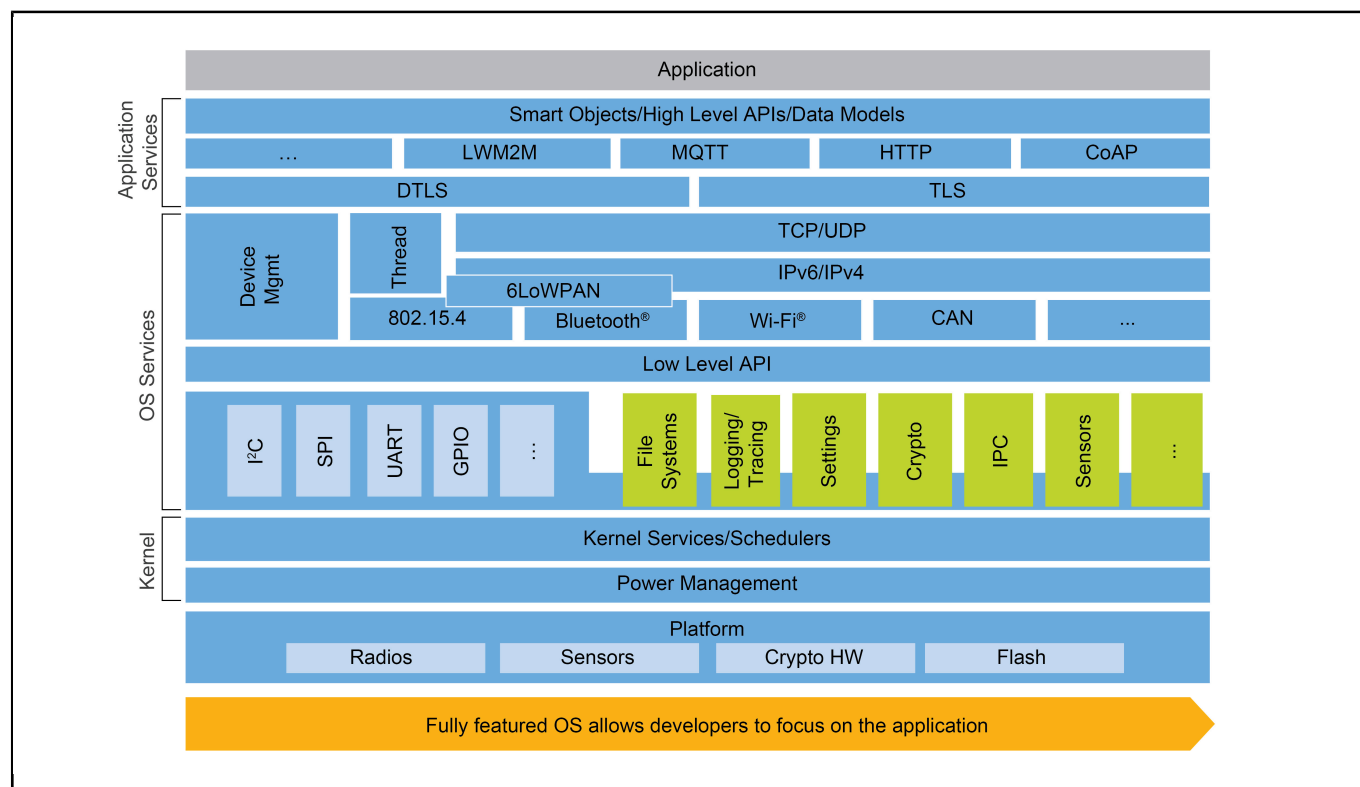
## ZEPHYR-OS-EDGE

Last Updated: Apr 9, 2025

NXP is one of the six founding member of [The Zephyr™ Project](#), a collaborative effort to develop an open source, scalable and robust RTOS optimized for resource-constrained embedded devices and built with security in mind. The Zephyr Project strives to deliver a comprehensive RTOS for connected resource-constrained devices, built to be secure and safe. The features of Zephyr are strongly aligned with NXP's product portfolio for Edge connect devices, with focus on secure, connected devices with safety certification.

NXP offers a variety of evaluation and prototyping platforms that are supported by the easy-to-use Zephyr OS. Developers are able to easily tailor a solution to meet their needs using a true open source project with hardware, developer tools and sensor and device drivers. Security enhancements with Zephyr OS enable the simple implementation of device management, connectivity stacks and file systems.

## Zephyr OS Block Diagram



View additional information for [Zephyr™ OS for Edge Connected Devices](#).

**Note:** The information on this document is subject to change without notice.

**www.nxp.com**

NXP and the NXP logo are trademarks of NXP B.V. All other product or service names are the property of their respective owners. The related technology may be protected by any or all of patents, copyrights, designs and trade secrets. All rights reserved. © 2025 NXP B.V.