



visualSilicon

FROM BARE METAL TO CLOUD



CONTENT

CLOUD

APPLICATIONS

FIRMWARE

SECURE OS

HARDWARE

FULL STACK PLUS

The one-stop shop offering a wide range of services
and a skilled friendly team that is ideal for new or small startups



visualsilicon.com



rzaghi@visualsilicon.com



+44 (0) 800 7720 720

Zephyr Real-Time OS Training Course



An introduction to real-time operating systems, **ZephyrOS**, the ARM Cortex-M4 based **nRF52840 chipset**, and **NB-IoT network**

Training includes our **CHESTER** hardware to take away, which is a NB-IoT enabled configurable IoT gateway based on the nRF52840

Day 1

Morning: Basic Setup + First Application

Afternoon: Deep Dive into Zephyr RTOS

Day 2

Morning: Utilizing Drivers + Bluetooth 5.0

Afternoon: Delivering Data to Cloud over LTE



Online Store



CHESTER

The Most Configurable Wireless IoT Gateway

Prices start at \$285 | €268 | £238



Zephyr RTOS 2-day instructor-led Training

In person or online, includes nRF52840 Hardware

\$3500 | €3300 | £2900 per person



Technology startup consultancy

Including technology solution quoting and design

\$1450 | €1350 | £1200 per day



Firmware, Software and System design and development

Only available in 5-day bundles

\$999 | €940 | £850 per day



Technical Post-Sales Support for IoT Hardware Products

Available only when purchased with a hardware product

\$999 | €940 | £850 per day



Technical video or article content production

Includes undertaking the technical research

\$4000 | €3700 | £3300 for a 60-second video or a 1200-word article

All prices exclude VAT



CONTENT

Developer education (DevEd)
and Developer relation (DevRel)
technical content production.

CLOUD

Design and development of
custom Web APIs and Cloud
services on AWS and Google
Cloud.

APPLICATIONS

Creating embedded, cross-
platform and web-based tools,
applications and plugins.

FIRMWARE

Customising boot-loaders and
developing drivers and MCU
firmware.

SECURE OS

Porting Linux or Android, helping
with hardware-based digital
signature and secure boot.

HARDWARE

Our experience ranges from
customisable IoT hardware
to ARINC-based aerospace
electronics.

Use QR code to access the live links in an online version of this leaflet



K H R O N O S

🔗 We are developing technical articles and video content for ARM and Khronos.

arm

🔗 community.arm.com/arm-community-blogs

aws



We have developed an in house user management API ready for use within your applications.

🔗 visualsilicon.com/cloud-case-study



We've implemented a VisualStudioCode Extension as a visual interface to the text-based UDB Time Travel Debugger.



🔗 visualsilicon.com/undo-case-study



We have ported UBoot to new platforms and developed MCU-based firmware including support for Apple and Google's Matter/Thread smart devices.

🔗 visualsilicon.com/firmware-case-study



Talk to us if you need to secure your products using the latest hardware-based security solutions.



🔗 visualsilicon.com/secureos-case-study



We've helped create custom hardware using industrial RaspberryPi modules. We provide customisable IoT hardware in partnership with Hardwario.com

🔗 visualsilicon.com/hardwario-case-study

LoRaWAN

DevOps IT Services



Benefit from our hands-on experience of research and development to build your infrastructure.

Ideal for tech startups and teams who need to setup highly complex CI/CD pipelines, automated software and hardware testing, and cloud or on-prem based deployment and device management.

We help you design, source and implement solutions tailored to your project.

Visit visualsilicon.com/devops



App Development

Avoid *spaghetti code* when building apps



Alongside system development we offer an app development service.

If you are already using one of our **full stack plus** services, and you need an app developed to support your business, then talk to us about it.

We have creative UI/UX designers, skilled Android and iOS front-end developers, and strong back-end competency.



The most configurable IoT gateway

In partnership with  **HARDWARIO**



visualSilicon
FROM BARE METAL TO CLOUD

