

## Arm Trusted Firmware

### Summary:

This course has been designed to cover the knowledge for Arm Trusted Firmware design on Armv7/Armv8 platforms.

### Prerequisites:

- Thorough knowledge of the Armv7-A or Armv8-A Architecture
- Familiarity with C and Arm assembly programming
- Knowledge of ARM/gcc compilers or linkers for Arm architecture
- Knowledge of boot loaders of embedded systems

### Audience:

The course is aimed at software developers who are trying to develop/deploy/debug ARM Trusted Firmware on Armv7/Armv8 platforms.

### Delivery Method:

- Private face to face classroom
- Series of short live virtual training sessions

### Length:

1 day

### Modules:

- Arm Trusted Firmware Introduction
- ATF Boot Flow and Individual Boot Loader
- ATF Runtime Service
  - Service Handling
  - Context Switch
  - PSCI
- ATF Interrupt Handling
- ATF Debug Demo on FVP