



FDT® UE™ – Server Common Component

FDT UE™ COMPLIANT

Supports the development of FDT UE-enabled host and device products while assuring compliance with the FDT3 standard, so vendors can focus on value-add capabilities.

QUICK TIME TO MARKET

Provides vendors with platform-independent toolkits to jump start development, minimize engineering effort, simplify certification/registration shortening time to market for new product offerings.

INTEROPERABILITY

Enables open and seamless data exchange independent of vendor, system, device type, data model, IT/OT (network/protocol) enterprise wide.

OPC UA AND MOBILITY

Empowers OPC UA- and mobile-ready solutions without coding, allowing IT and OT teams authenticated client access for diagnostic monitoring optimization.



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DESCRIPTION

FDT® UE™ – Server Common Component is a .NET Core SDK for development of servers (with OPC UA server interface and Web server interface) deployable on Microsoft- and Linux- based operating systems. Its rich control features ensure any industrial communication protocol or vendor device can be seamlessly integrated as part of smart manufacturing practices with deployment options, including cloud, edge, and on-premise air-gapped systems.

SYSTEM REQUIREMENTS

- **Hardware**
 - CPU: 2 GHz Dual Core
 - RAM: 8 GB
 - Minimum Free Disk Space: 8 GB
- **Dependencies**
 - .NET Core SDK 3.1 x64
 - Nodejs 16.14.0+ (includes npm 8.3.1+) - requirement for the Web Sample Tutorial
- **IDE**
 - Visual Studio 2019 or 2022
 - Visual Studio Code
- **Tested Platforms**
 - Windows 10 64-bit
 - Ubuntu 16 04
- **Other Supported Platforms**
 - MacOS
 - Other Linux Distributions

TOPOLOGY/CONFIGURATION

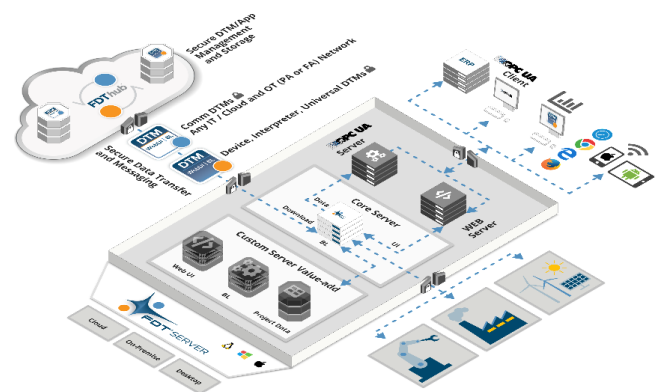
- [FDT UE - Desktop](#) (exported project must be provided to the Server)

COMPATABILITY

- FDT 3 DTMs
- FDT 2 DTMs (without UI)

SUPPORT (For Members)

- [Email support request available](#)



DELIVERABLES

- FDT UE - Demo Server
- DTM Installer
- Web Sample Tutorial
- Architecture Documentation
- FDT UE Server CC
- Source Code (only with purchased license)

COMPLEMENTARY DEVELOPER TOOL

- FDT UE™ - Desktop Common Component (fdtCONTAINER component) is a library to simplify development of FDT applications, providing an open, integrated access point to networks and installed assets.

DTM HOSTING

- [FDT Website](#)
- FDT Hub – when available