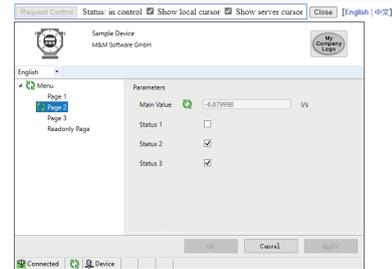
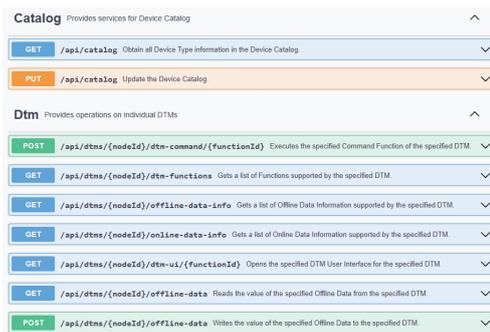


# M&M fdtSERVER Product Description

M&M fdtSERVER enables FDT technology for your cross-platform IDM/AMS with backward compatible to legacy FDT 1.2.x and FDT 2.x DTMs.

M&M fdtSERVER encapsulates complex FDT technical details into simple Web API, which is easy to integrate into your cross-platform IDM/AMS.

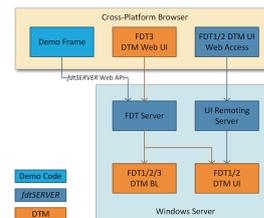
You can even manipulate a FDT 1.2.x/FDT 2.x DTM UI remotely on a Web page, just like the FDT3 DTM Web UI. It enables your cross-platform IDM/AMS take advantage of the tens of millions of DTMs already deployed in critical production plants and facilities around the globe.



Through the Web API, you can get the Device Catalog and synchronize the device topology from DCS to your IDM/AMS via a JSON file.



To work with the legacy DTMs, the M&M fdtSERVER and all DTMs shall be deployed on a Windows computer, while your IDM/AMS could be cross-platform.



You can also get detailed information about each DTM node.

As well as the Online Parameters and Offline Parameters of a FDT 2.x/FDT 3.0 DTM.

Device Type Info	
Name:	hartDEVICEDTM
Version:	1.2.0.341
Manufacture:	M&M Software GmbH
Date:	2015-08-13

DTM Info	
DTM Name:	hartDEVICEDTM
DTM Vendor:	M&M Software GmbH
DTM Version:	1.2.0.341
FDT Version:	1.2.0.0

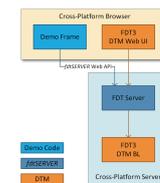
  

Node Info	
ChannelLabel:	HART Channel
BusAddress:	0

Online Parameters	
Device Tag	TAG
Main Value	-4.66
Status 1	False
Status 2	True

To work with the legacy DTMs, the M&M fdtSERVER and all DTMs shall be deployed on a Windows computer, while your IDM/AMS could be cross-platform.



A workable Demo Frame will be provided with source code to demonstrate how to access the fdtSERVER Web API. A tutorial document and the API documentation (in Open API format) will be provided as well.

Following table shows the difference between FDT UE (FDT 3.0) Frame components:

Traits	Desktop Common Component	M&M fdtSERVER	Server Common Component
Supported FDT Version	FDT 1.2.x, FDT 2.x, FDT 3.0	FDT 1.2.x, FDT 2.x, FDT 3.0	FDT 3.0
Supported Platform	Windows	Windows Linux for Cross-Platform Edition	Windows, Linux
Architecture	Desktop Application	B/S	C/S
API	.NET Framework	Web API	.NET Standard
OPC UA Server	Not Supported	Not Supported	Integrated
Source Code	Available with sourcecode license	Available for Cross-Platform Edition	Available