Remote Pipeline

MET/BASE
Master
Consolidated Database

Ethernet

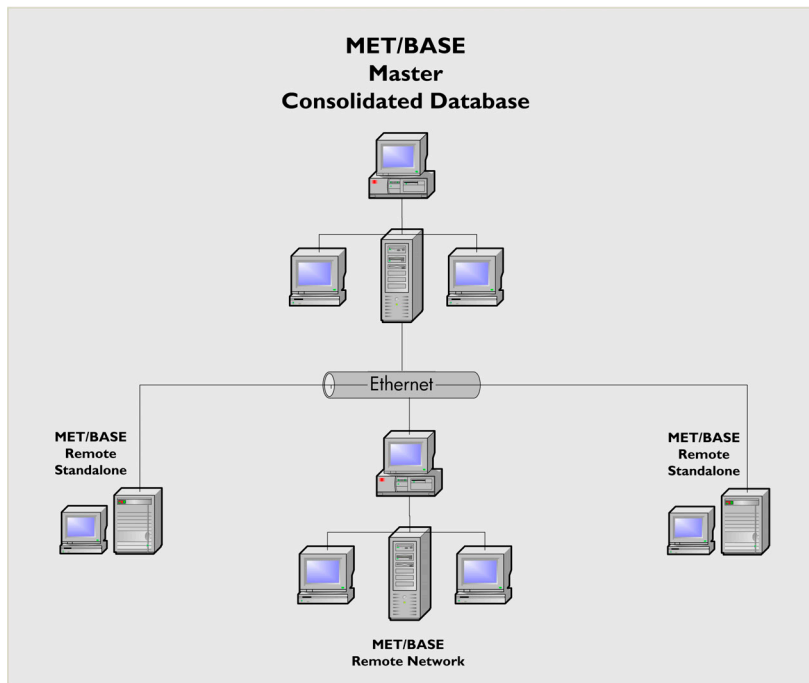MET/BASE
Remote
Standalone

MET/BASE
Remote
Standalone

MET/BASE
Remote Network

Remote Pipeline allows calibration labs to operate multiple workstations in remote locations using the same database at every site.

Operate multiple remote Fluke MET/CAL® workstations under one master database

Remote Pipeline allows calibration lab supervisors/technicians to operate multiple workstations in remote locations where a continuous connection to a master server is difficult or impossible — and operate using the same database at every site. Remote Pipeline is a conduit that enables each remote system to share or replicate data with a master, consolidated Fluke MET/CAL® database.

Now Fluke MET/CAL *Plus* customers can simultaneously operate many MET/CAL, 5500/CAL, MET/TRACK®, Barcode Magician®, and PROCESS/TRACK® workstations to calibrate instrumentation, perform process calibrations, or inventory instrument locations.

With Remote Pipeline:

• All data contained in the master system is synchronized with the remote system. Both systems contain an exact copy of all information — every asset, calibration, location, and repair record is available to both workstations.

• The remote system can be deployed anywhere calibrations need to be performed. There is no need to maintain a continuous connection to the home system. Lab supervisors/technicians can update asset records, calibrate instruments, perform repair and maintenance actions. In other words, use the remote system just as they would use a workstation connected to the main system.

• The master server automatically synchronizes with and initializes the remote system for more remote work when you are able to connect to the master system via networking. There are no disks to handle and you can backup your remote system while deployed without having to worry about log files.

• Once the replication has been performed, instrument data changes and additions that have been made at the remote system are available at the consolidated system and vice versa. Deletions are not recorded. As long as the periodic replication process is maintained, Remote Pipeline keeps both systems up to date automatically.

Scalability

Remote Pipeline is scalable to handle multiple remote systems, so you can run MET/CAL, 5500/CAL, MET/TRACK, Barcode Magician, or PROCESS/TRACK at more than one remote site. You simply create additional remote systems using the same process described above.

The number of remote stations you can add is virtually unlimited. The only requirement is that one site be designated as the master or consolidated site.

Remote Pipeline is designed for all remote servers to replicate data only with the consolidated server.

No direct peer-to-peer replication is allowed. All changes made at any remote system are eventually propagated to every MET/CAL server in the entire system.

Multiple Workstations on Local Networks

Remote servers can themselves have multiple workstations attached on a local network with limited functionality. This is particularly useful for companies that have two or more distributed calibration labs and need to have multiple MET/CAL stations running calibrations at each remote site.

Remote Pipeline makes moving assets within your organization easy. Since every remote server has a copy of all records, there is no duplicate data entry required as the same assets show up at different labs, serviced by separate remote systems over time. All historical and current information about every asset is available at every remote system.

Remote Pipeline will allocate your existing MET/CAL, MET/TRACK, 5500/CAL, Barcode Magician, and PROCESS/TRACK licenses from the master server to the remote server. When the remote server is recon-nected to the master database, the licenses can be reallocated back to the master server.

System Requirements

- A separate copy of Fluke MET/BASE (Version 6 or later) is required on the consolidated system and each remote server. The consolidated system and remote system must be using the same software revision.

- Appropriate Fluke MET/CAL, 5500/CAL, MET/TRACK, Barcode Magician, and PROCESS/TRACK licenses.

- A copy of Remote Pipeline is required for each remote server in the system.

System administration is required to monitor the ongoing replication process and to apply changes to the master database that cannot otherwise be replicated from the remote system(s).

A Prototypical Installation

The following example is a customer who has two physically separated calibration labs.

Lab A needs two MET/CAL workstations and one MET/TRACK workstation. These are to be networked with one MET/BASE server. They also want to do on-site calibrations using MET/CAL on a laptop computer.

Lab B needs one MET/TRACK, PROCESS/TRACK, and Barcode Magician on a laptop computer. These are to be networked with one MET/BASE server. They will use PROCESS/TRACK with their 743B and Barcode Magician will be used to perform location inventory.

This customer will have three distinct MET/BASE databases and will need the following software products:

	Lab A	Lab A Laptop	Lab B Laptop
MET/BASE	1	1	1
MET/CAL-L	2	1	
5500/CAL-L			
MET/TRACK-L	1		1
BARCODE MAGICIAN			1
PROCESS/TRACK			1
REMOTE PIPELINE	1	1	1

ORDERING INFORMATION

PRODUCT	PART NUMBER
Remote Pipeline:	5070

For Pricing & Delivery Contact:
On Time Support Inc. or your Fluke representative.