

# MTConnect Agent Installation

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NOTE This MTConnect Agent install package only works for 64 bit Windows (Windows 7 and 8) machines!

This is the C++ open source agent from the MTConnect Institute github website.

Shdr Adapters will output text like this thru a telnet connection:

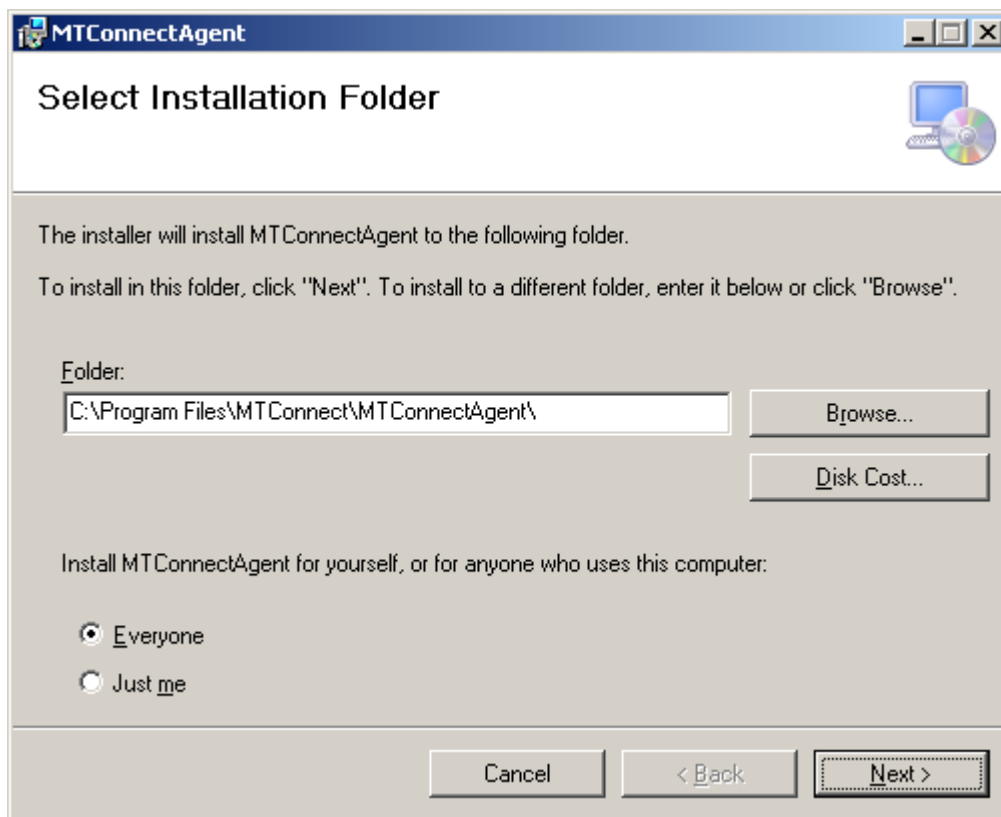
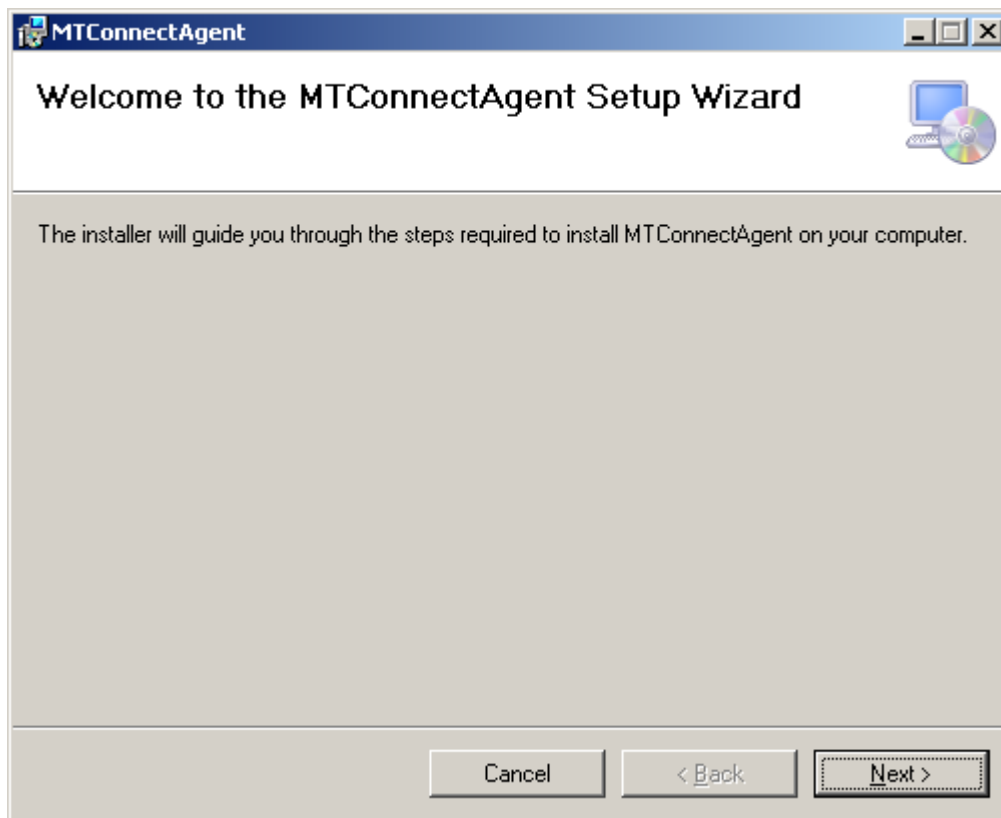
2014-04-08T20:40:42.0280Z|heartbeat|714

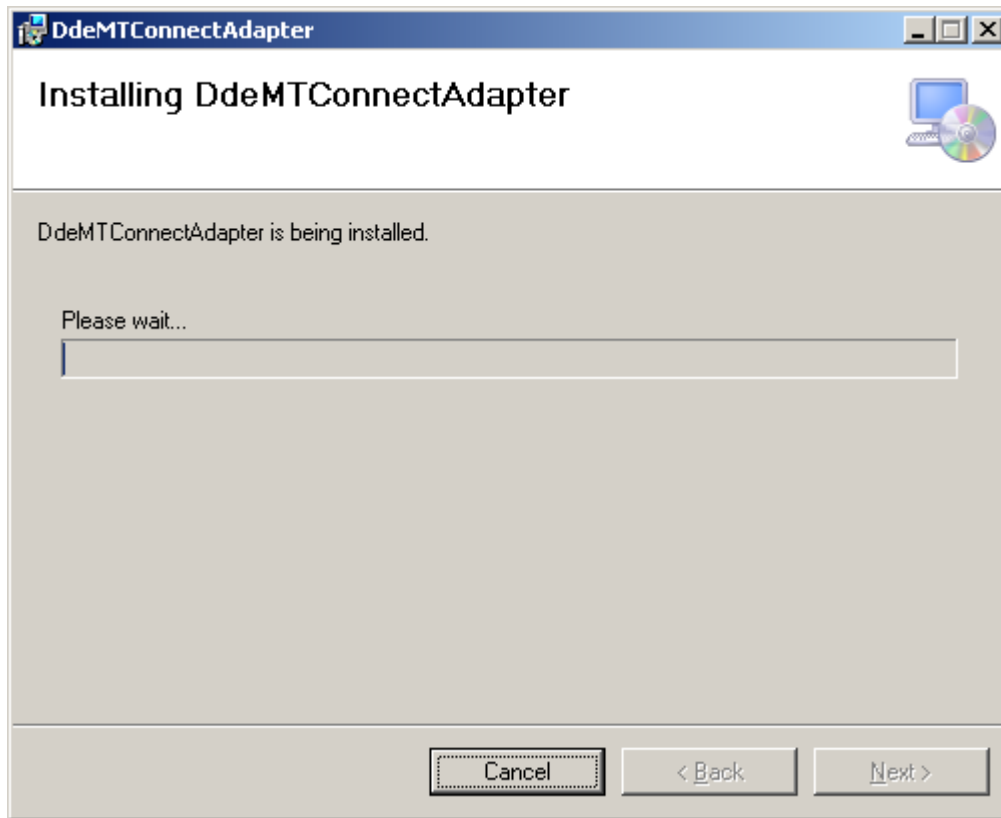
2014-04-08T20:40:44.0426Z|heartbeat|715

2014-04-08T20:40:46.0544Z|heartbeat|716

## Installation

Start Install package: MtConnectAgentx64Setup.msi





When done you will see the configuration page. You must enter the name of the Device, the IP address of the Adapter, and the port the Adapter uses (usually 7878). If you want to talk to more than one SHDR Adapter back end, enter comma separated values . M1,M2 and 127.0.0.1,127.0.0.3 and 7878,7878 are for two SHDR adapters.

Note, the agent is hardwired to use port 5000 for http access (e.g., <http://127.0.0.1:5000/current> will give the output from your adapter in MTConnect XML format).

MTConnectAgent

## Configuration

CNC SHDR Description CSV of device,ip,port

Devices  
M1

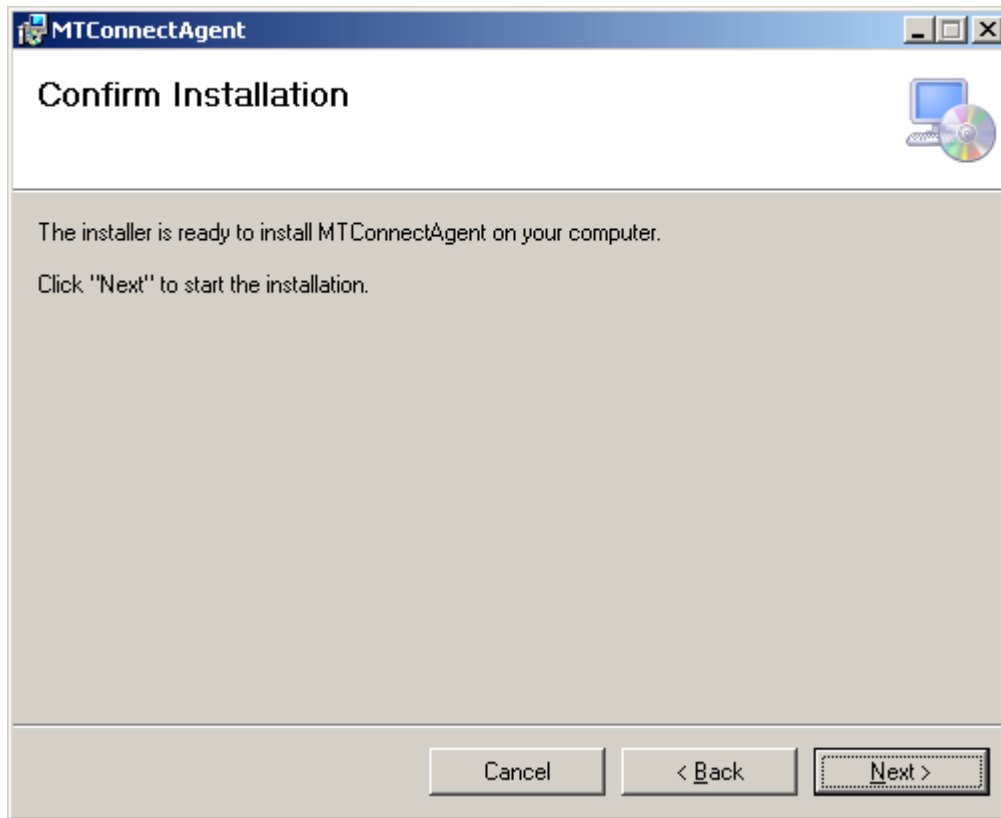
Ips  
127.0.0.3

Ports  
7878

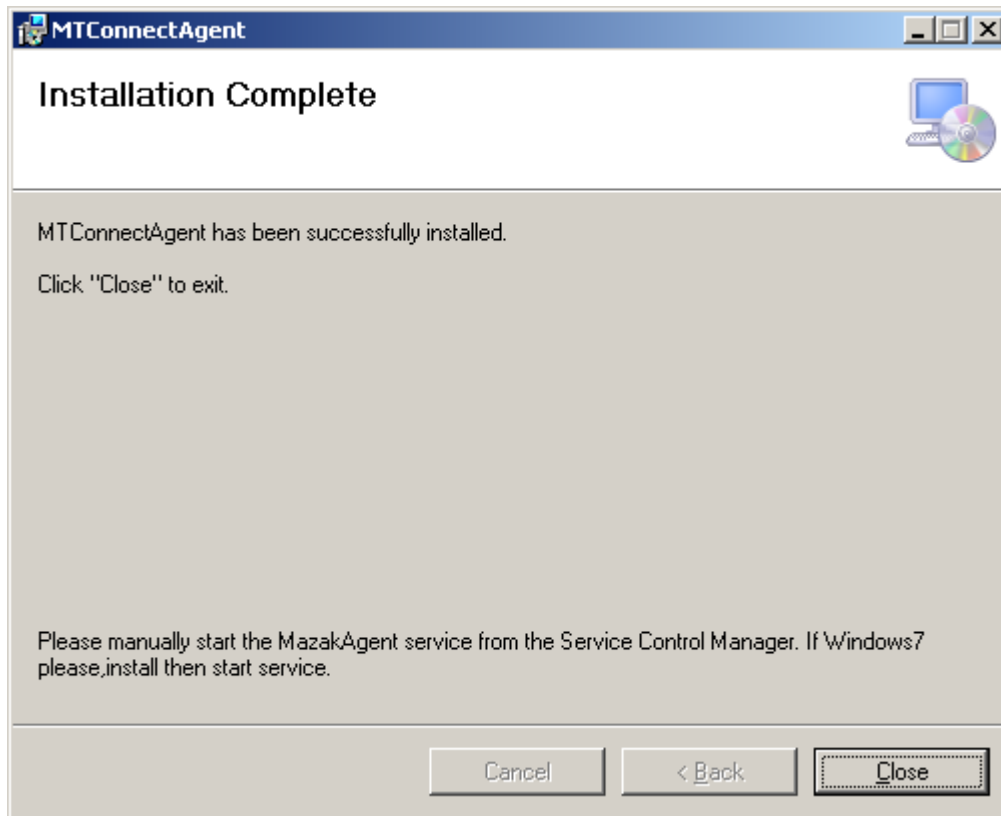
HttpPort  
5000

Cancel < Back Next >

Now you are ready to install:

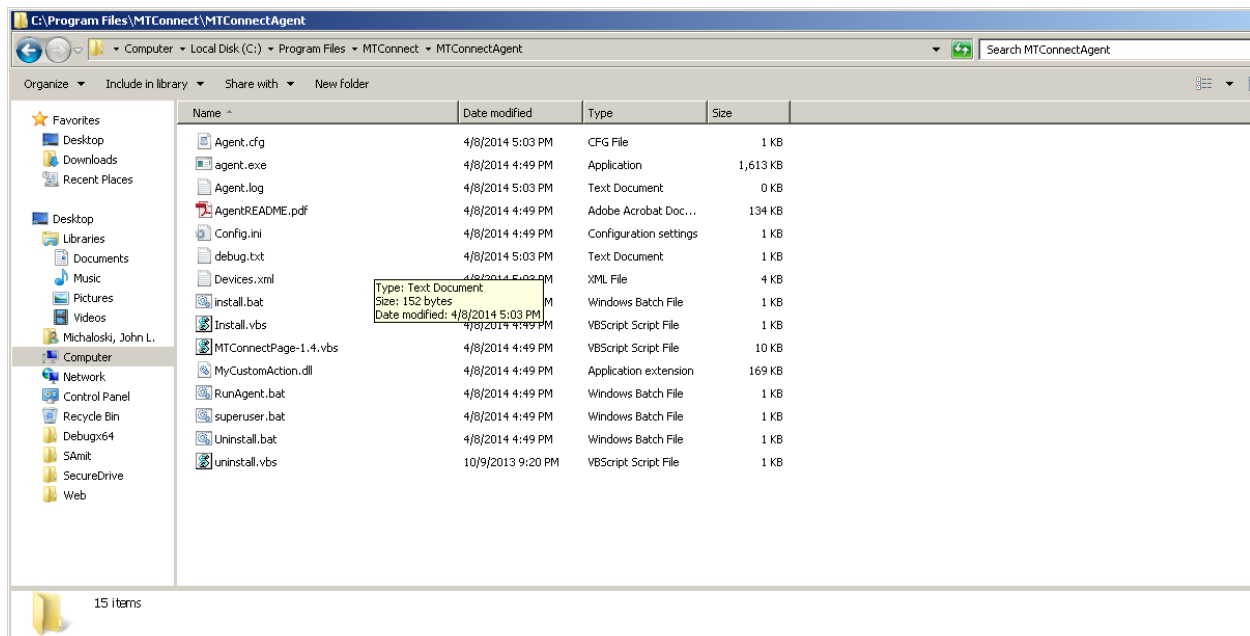


Please be patient, it takes a while. You should see some black cmd screens install the service and start the service. (Hopefully).



## Checking that install worked:

- 1) <http://127.0.0.1:5000/current> will give you some XML.
- 2) C:\Program Files\MTConnect\MTConnectAgent



And the agent.cfg file should match the install parameterization:

```
Devices = Devices.xml
ServiceName = MTCAgent
Port = 5000
CheckpointFrequency=10000
AllowPut=true
Adapters
{
    M1
    {
        Host = 127.0.0.3
        Port = 7878
    }
}
# Logger Configuration
logger_config
{
    logging_level = fatal
    output = file Agent.log
}
```

## Uninstall

Make sure the MTConnectAgent service is not running (bug in msi ). Navigate to servies (Right click on My Computer, select Manage, select Service, and stop MTConnectAgent) . Now uninstall.

