

Manitou Web Server 2.1 Upgrade

This article applies to Manitou Web Server 2.1, Update 6 and above

These steps will not apply to older versions of the Manitou Web Server.

The Manitou Web Server upgrade process has been recently improved to handle multiple updates within our Manitou 2.1 config files. This document is intended to outline each step of the upgrade and to clarify the changes that are happening in the background.

The initial clean install steps of the Manitou Web Server have not changed.
Be aware that the installation executable and icon have changed.

Step 1: Executable

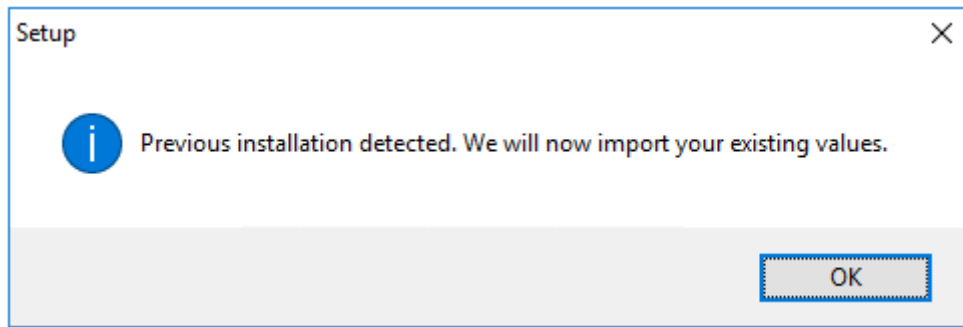
Run the new ***ManitouWeb_setup.exe***



ManitouWeb_setup.exe

Step 2: Upgrade check

The installer identifies an existing Manitou Web Server install.



Step 3: Path check

The install launches a command prompt to determine the correct path for the Manitou Web Server installation.

```
C:\Windows\system32\cmd.exe
API path is: E:\Inetpub\Wwwroot\Manitou\api
Manitou path is: E:\Inetpub\Wwwroot\Manitou\manitou
Oauth path is: E:\Inetpub\Wwwroot\Manitou\oauth
-
```

Step 4: Get configs

Our new ConfigProcessor identifies all of the current config values from the web.config files in the *API*, *MANITOU*, and *OAUTH* directories. This information is then written to the registry to be referenced later.

```
C:\Windows\system32\cmd.exe

-----
Bold Group Web.Config Processor
-----
Config Prefix: MANITOU
Processing config file: E:\Inetpub\Wwwroot\Manitou\manitou\web.config

Node: appSettings
  Application setting: webpages:Enabled
  Application setting: webpages:Version
  Application setting: ClientValidationEnabled
  Application setting: UnobtrusiveJavaScriptEnabled
  Application setting: TokenUrl
  Application setting: ManitouApiUrl
  Application setting: LogListeners
  Application setting: LogLevel
  Application setting: LogCategoriesFilter
  Application setting: language
  Application setting: Timeout
  Application setting: NeoInstallationType
  Application setting: UtilityServicePort
  Application setting: VideoServicePorts
  Application setting: CallWatcherServicePort
  Warning: Failed to parse: #comment (Unexpected Node)
  Application setting: Debug
  Application setting: AllowADLogin
  Application setting: DisableDialogAnimation

Done.
```

Registry Editor

File Edit View Favorites Help

Left pane tree structure:

- Partner
- Policies
- RegisteredApplications
- WOW6432Node
 - Autolt v3
 - Bold Technologies
 - Bold Router
 - Installations
 - Manitou
 - NEO
 - API
 - appSettings
 - connectionStrings
 - MANITOU
 - appSettings
 - OAUTH
 - appSettings
 - connectionStrings
 - Replication
 - Stealth Logger
 - Classes

Right pane table:

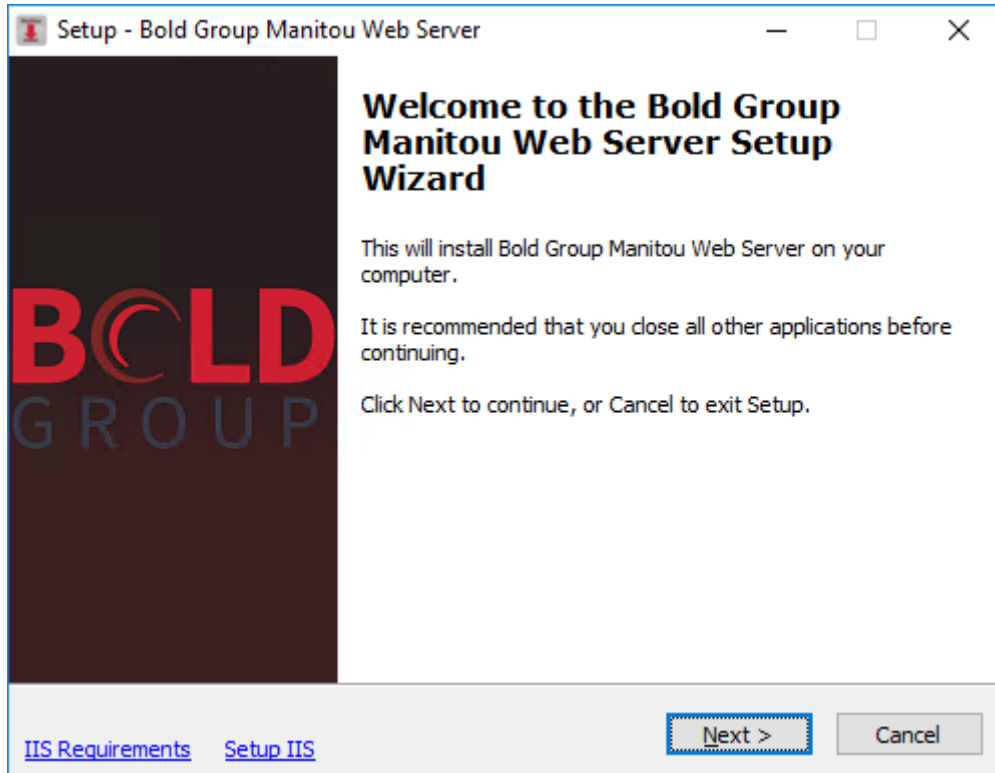
Name	Type	Data
(Default)	REG_SZ	(value not set)
Debug	REG_SZ	true
DefaultPassword	REG_SZ	
DefaultUser	REG_SZ	
DefaultUserPass...	REG_SZ	
ErrorDetails	REG_SZ	false
LogConnection...	REG_SZ	true
LogNotifications	REG_SZ	true
NeoInstallation...	REG_SZ	Manitou,BoldNet
NotifyMeConfig	REG_SZ	1
ReportTemplates	REG_SZ	E:\inetpub\wwwroot\Manitou\api\Reports
Sentry	REG_SZ	QA2016.boldgroup.int
UploadsFolder	REG_SZ	E:\inetpub\wwwroot\Manitou\UploadsFolder
WebGateway	REG_SZ	QA2016.boldgroup.int

The full registry path for this key is **\\HKLM\SOFTWARE\WOW6432Node\Bold Technologies\NEO**

Step 5: Welcome

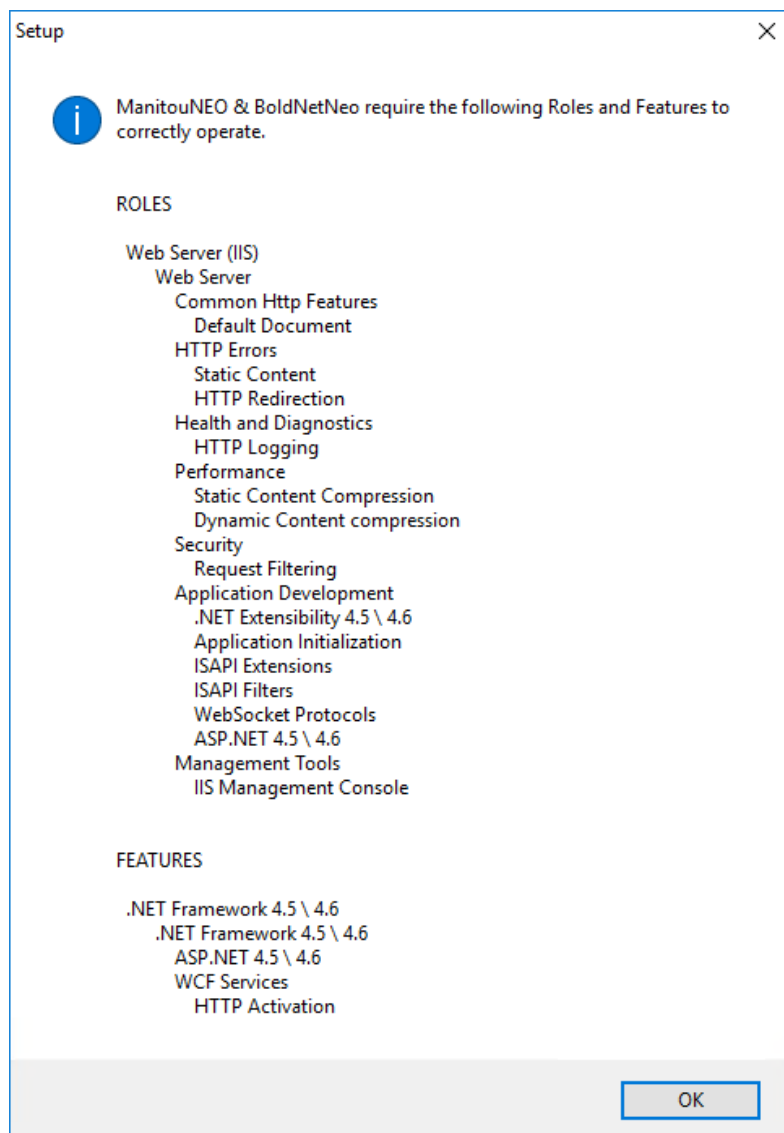
The Manitou Web Server welcome page will be presented. In this screen there are 4 options.

1. **IIS Requirement** (link)
2. **Setup IIS** (link)
3. **Next** (button)
4. **Cancel** (button)



Step 5a: IIS Requirements

The “**IIS Requirements**” link displays a popup with the required settings for your IIS server. This is presented to allow you to manually verify these settings on your server.



Step 5b: Setup IIS

When clicking on the “**Setup IIS**” link we launch a command prompt to attempt to automatically set any missing IIS components. On most systems this will run without any problem, but in some cases with security locked down systems this may fail. If this doesn't succeed you will need to use the guide in Step 5a to manually set each of the values.

```
C:\Windows\system32\cmd.exe

Would you like us to try to set these Roles and Features automatically (Y or N)? y
Attempting to set system Roles and Features.

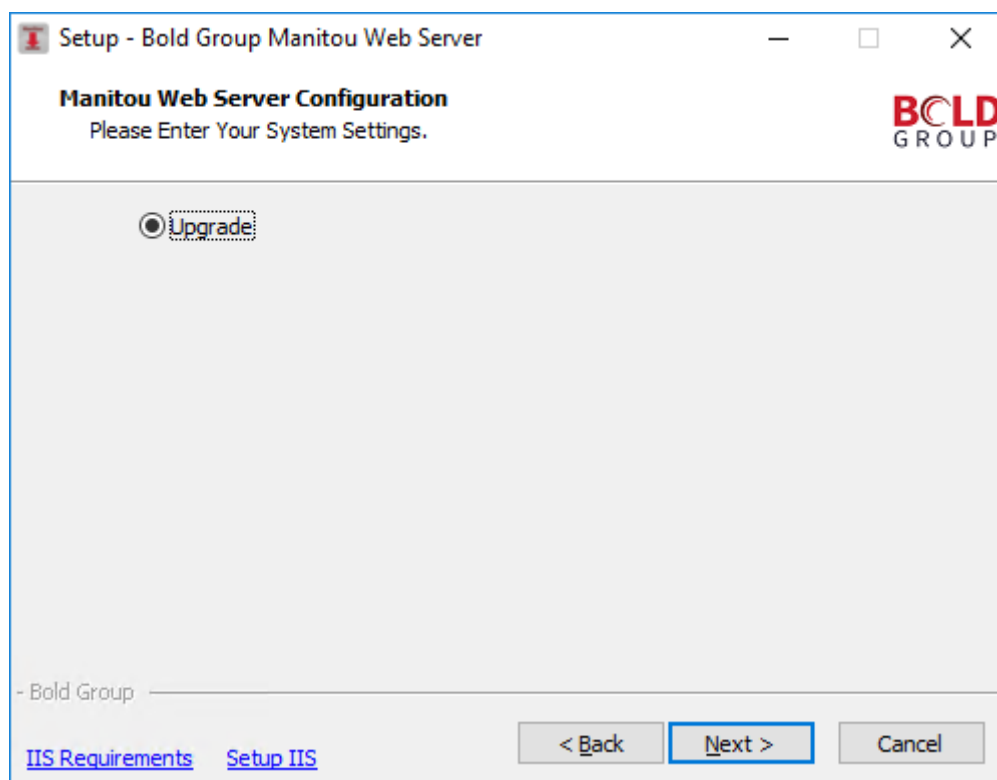
Deployment Image Servicing and Management tool
Version: 10.0.14393.0

Image Version: 10.0.14393.2457

Enabling feature(s)
[=====100.0%=====]
The operation completed successfully.
Press any key to continue . . .
```

Step 6: Upgrade

After clicking the Next button you will be presented with the Upgrade notification screen. We are no longer allowing a modification option. If you want to modify the installation you can either manually update the web.config files after the install is complete or you can uninstall and reinstall the Manitou Web Server software.



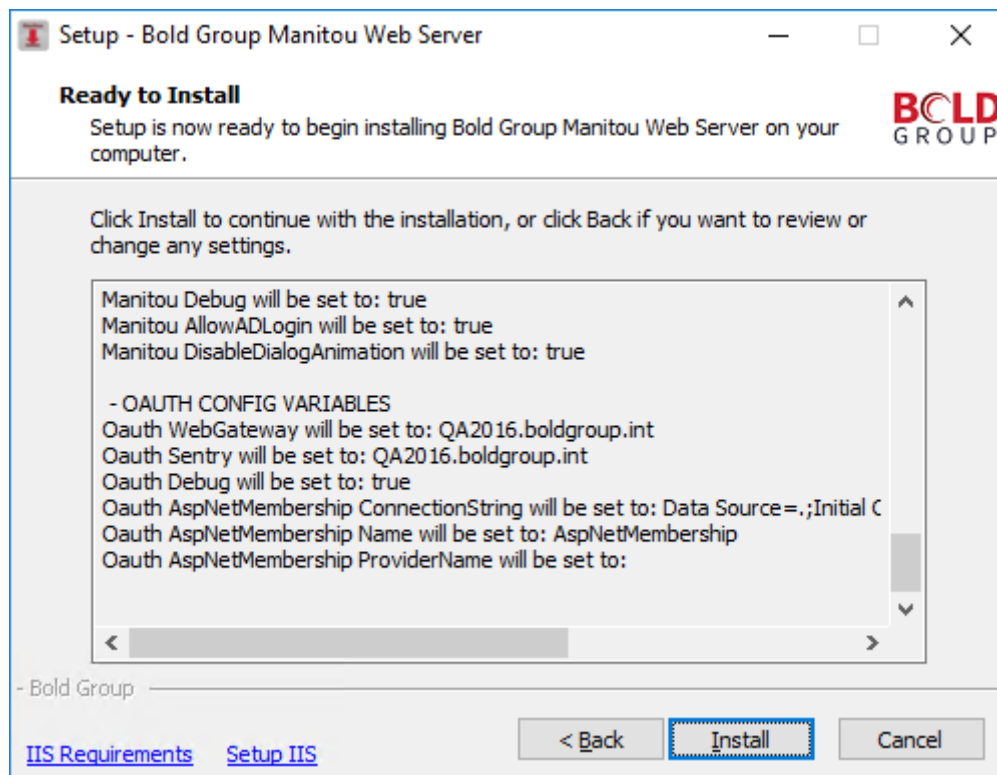
Step 7: License

The next step will require you to accept the license agreement.



Step 8: Summary

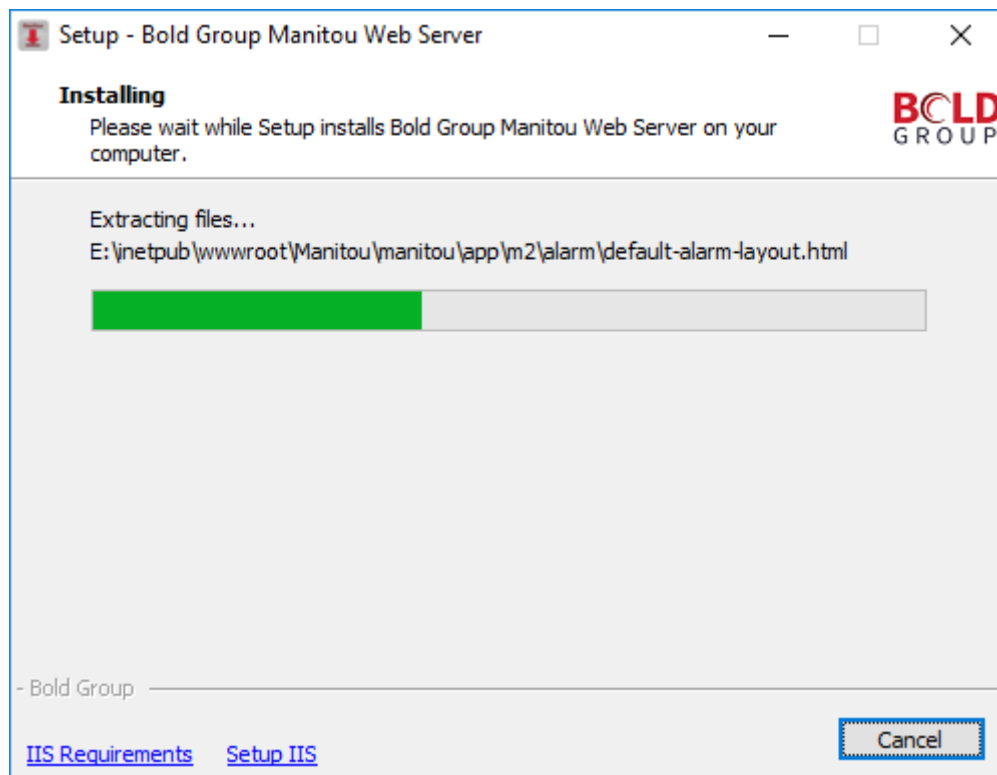
The final screen is the Summary screen. On this screen we now display every identified item from the previous config files. These values will be written to the new config files.



Step 9: Extracting

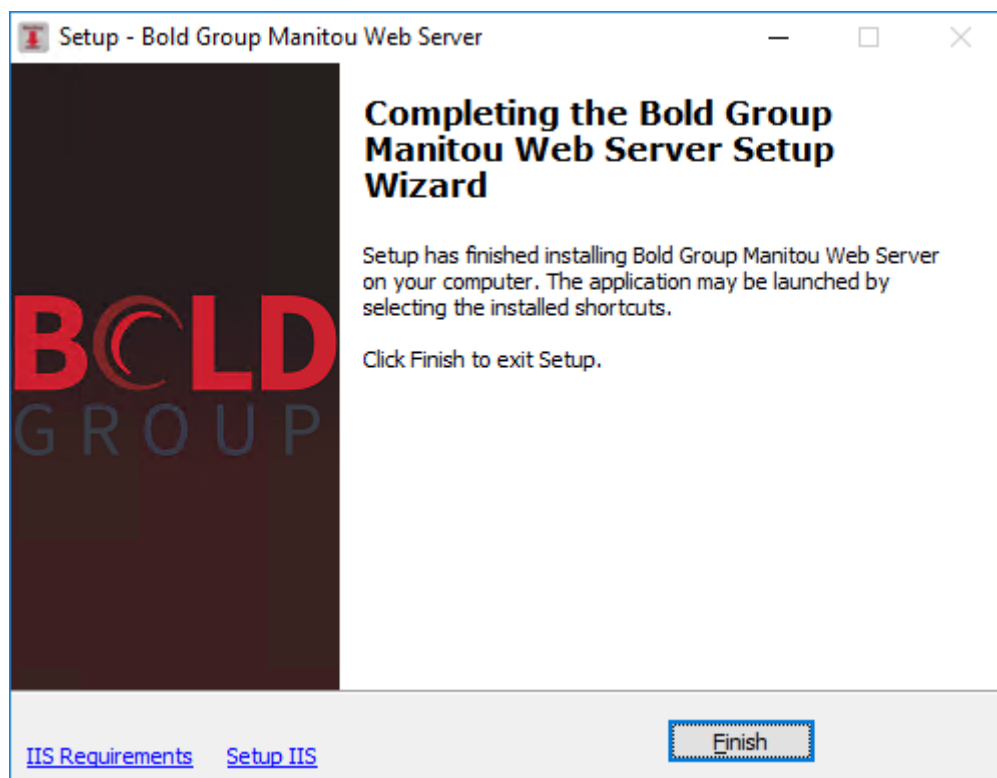
At this stage of the installation we extract all of the files and copy them to the previously identified

installation directory. The last few seconds of this stage will place new config files and write each of the values according to what was presented in step 7.



Step 10: Finish

Once you see this screen you have successfully completed the Manitou Web Server upgrade.



Any changes that you make to the **web.config** files post installation will be picked up in

step 4 during the next run of the ManitouWeb_setup.exe. If you'd like to force this update you can run the installer and cancel after step 4 to ensure that all of the config values are written to the registry.

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