

'CardioLog Analytics' SharePoint Feature Manual Installation Procedure

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Overview

CardioLog Analytics provides a SharePoint solution (cardiologtrackingagentfeature.wsp) for installing the JavaScript tracking code on all farm pages. This SharePoint solution includes a farm-scoped feature named CardioLog Analytics, which can be activated or deactivated through SharePoint's Central Administration.

The deployment of the SharePoint solution is done automatically through [step 2 of the CardioLog Analytics configuration wizard](#). The wizard should run with SharePoint farm administrator privileges.

In this article you can find details on the manual installation procedure.

1. [Deployment Procedure](#)
2. [Activate/Deactivate Data Collection](#)

Deployment Procedure

The manual deployment of the SharePoint solution includes the following steps:

1. [Installing the CardioLog Tracking Agent web application on the SharePoint WFE servers](#)
2. [Installing the 'CardioLog Analytics' SharePoint Feature on the SharePoint farm](#)
3. [Installing the 'CardioLog Tracking Agent' App on SharePoint modern sites](#)

Installing the CardioLog Tracking Agent web application

1. Copy the [CardioLog Installation Folder]\CardioLogAgent folder to your SharePoint WFE server to C:\Program Files\Common Files\Microsoft Shared\web server extensions\1X\TEMPLATE\LAYOUTS\ folder (1X - 12 for MOSS 2007, 14 for SharePoint 2010/SharePoint 2013/SharePoint 2016/SharePoint 2019)
2. Edit the value of the following key in the CardioLogAgent\web.config file, located in the <appSettings> section -

```
<add key="CardioLogAgentRoot" value="/_layouts"/>
```

3. Open IIS Manager, right click the CardioLogAgent directory located under the SharePoint website _layouts folder and select "Convert to Application". The selected application pool should be the SharePoint website application pool.
4. Repeat step 3 for each SharePoint website you wish to monitor.
5. Repeat steps 1 - 4 for each SharePoint WFE server.

Installing the 'CardioLog Analytics' SharePoint Feature

1. Go to [CardioLog Installation Folder]\CardioLog\Configuration\AgentFeature\[SharePoint version]
2. Copy the solution file "cardiologtrackingagentfeature.wsp" to your SharePoint application server to C:\Program Files\Common Files\Microsoft Shared\web server extensions\1X\BIN folder (1X - 12 for MOSS 2007, 14 for SharePoint 2010, 15 for SharePoint 2013, 16 for SharePoint 2016 and SharePoint 2019)
3. Execute the following commands from command prompt (cmd) with the SharePoint farm administrator privileges in order to add and deploy the solution to the SharePoint farm (edit the directory path):

```
cd "C:\Program Files\Common Files\Microsoft Shared\Web Server Extensions\1X\BIN"

stsadm.exe -o addsolution -filename "C:\Program Files\Common Files\Microsoft Shared\Web Server Extensions\1X\BIN\CardioLogTrackingAgentFeature.wsp"

stsadm.exe -o deploysolution -name CardioLogTrackingAgentFeature.wsp -immediate -allowgacdeployment
```

```
stsadm.exe -o activatefeature -name CardioLogAnalytics -force
```

Upon installing the CardioLog Analytics feature, it is automatically activated and data is being collected.

To view the deployed solution in **SharePoint 2013**, **SharePoint 2016** or **SharePoint 2019**, go to **Central Administration > System Settings > Manage farm solutions**

SharePoint 2013 - Solution Management

In the Solution Properties, click **cardiologtrackingagentfeature.wsp** and verify that the solution was successfully deployed to all web front ends.

SharePoint 2013 - Solution Properties

To view the deployed solution in **SharePoint 2010**, go to **Central Administration > System Settings > Manage farm solutions**

SharePoint 2010 - Solution Management

In the Solution Properties, click **cardiologtrackingagentfeature.wsp** and verify that the solution was successfully deployed to all web front ends.

SharePoint 2010 - Solution Properties

To view the deployed solution in **MOSS 2007**, go to **Central Administration > Operations > Solution Management**

MOSS 2007 - Solution Management

In the Solution Properties, click **cardiologtrackingagentfeature.wsp** and verify that the solution was successfully deployed to all web front ends.

MOSS 2007 - Solution Properties

Installing the 'CardioLog Tracking Agent' App for SharePoint Modern Sites

1. Go to the **Administration** section of the navigation pane, click **System Configuration**, select **SharePoint Tree Adaptor** and then select your **SharePoint 2019** farm.
2. Click on **Download Sppkg** button to download the deployment package.

CARDIOLOG ANALYTICS knowledge_base | Connected As intlock-qa\administrator

Report Center
Analysis Center
Acquisition
Visitor Engagement
Settings

Administration

- Black List
- CardioLog Scheduling Service
- IIS Log Import
- Product License
- Roles
- System Configuration**
- System Diagnostics
- URL Mappings

SharePoint 2019 Adaptor

SharePoint 2019

Settings

Title:

SharePoint Configuration Database Name:

Advanced Settings:

- Import document versioning information for your SharePoint lists and libraries
- Import metadata information for your SharePoint List Items, Documents or Sites. [Manage Metadata](#)

Authentication:

SharePoint Admin Center URL:

Additional Actions:

Web Sites

Select Zone...

All Web Sites Selected Web Sites (Select at least one web site)

- http://sp2019devop/ (Default)
- http://sp2019devop:19686/ (Default)

SharePoint Tree Adaptor Settings

Note: The deployment package includes a PowerShell script that deploys the modern sites integration app on the App catalog and on all selected site collections and their sub-sites.

3. Right click the *sppkg-deployment-archive.zip* file, select Properties > General and click on "Unblock" before unzipping it.
4. Open the *sites.json* file and verify that all of the site collections you would like to track are included.
5. Execute the RUN_SCRIPT.ps1 script in PowerShell. Make sure the you have the following prerequisites before executing the PowerShell script:
 - You must have [PowerShell version 5.1](#) or higher.
 - The credentials of the SharePoint farm administrator.
 - Make sure that the account that you are using is **not** a system account.

Policy for Web Application

Zone
The security policy will apply to requests made through the specified zone.

Zone: (All zones)

Choose Users
You can enter user names or group names. Separate with semi-colons.

Users:

Choose Permissions
Choose the permissions you want these users to have.

Permissions:

- Full Control - Has full control.
- Full Read - Has full read-only access.
- Deny Write - Has no write access.
- Deny All - Has no access.

Choose System Settings
System accounts will not be recorded in the User Information lists unless the account is directly added to the permissions of the site. Any changes made by a system account will be recorded as made by the system instead of the actual user account.

Account operates as System

< Back Finish

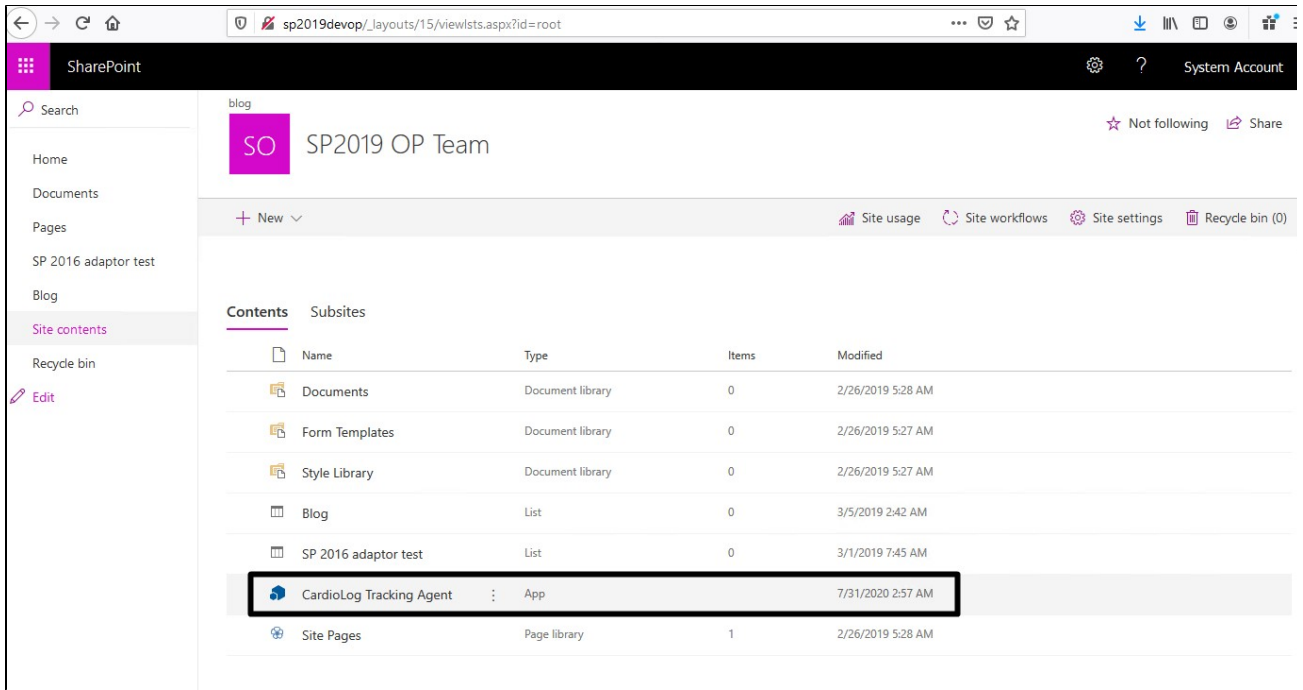
6. Upon installing the *CardioLog Tracking Agent* app, it is automatically activated and data is being collected.

To view the installed app in **SharePoint 2019**, go to **SharePoint App Catalog > Apps for SharePoint > CardioLog Tracking Agent** and/or the monitored site > **Site Contents > CardioLog Tracking Agent**

The screenshot shows the SharePoint App Catalog interface. The breadcrumb path is: **SharePoint App Catalog > Apps for SharePoint > CardioLog Tracking Agent**. The main content area displays a table of installed apps. The **CardioLog Tracking Agent** app is highlighted with a red box. Below the table, there is a "Drag files here to upload" area.

Title	Name	App Version	Edit	Product ID	Metadata Language	Default Metadata Language	Modified	Enabled	Valid App Package	Deployed	App Pa
CardioLog Tracking Agent	CardioLog Tracking Agent	1.3.0.0	...	{5557CABC-0784-4DA1-B64B-224D2CFA295F}	English - 1033	Yes	August 3	Yes	Yes	Yes	No er

SharePoint App Catalog



SharePoint Site Contents

Activate/Deactivate Data Collection

Upon installing the CardioLog Analytics feature, it is automatically activated and data is being collected.

To deactivate the CardioLog Analytics feature in **SharePoint 2013/2016/2019**, go to **Central Administration > System Settings > Manage farm features**

SharePoint 2013 - Manage farm features

To deactivate the CardioLog Analytics feature in **SharePoint 2010**, go to **Central Administration > System Settings > Manage farm features**

SharePoint 2010 - Manage farm features

To deactivate the CardioLog Analytics feature in **MOSS 2007**, go to **Central Administration > Operations > Manage farm features**

MOSS 2007 - Manage farm features

Note: The CardioLog Analytics SharePoint Feature will work only for master pages which contain the following control in the head section:
<SharePoint:DelegateControl runat="server" ControllId="AdditionalPageHead" AllowMultipleControls="true"/>

This control is included in the master pages for all SharePoint templates, besides the MOSS 2007 Publishing Site master page. Add this control to all MOSS 2007 Publishing Site master pages, right before the closing </HEAD> tag. Alternatively, you can also use a top master file which is included in all of the Publishing Sites master pages, in order to perform a single update.

Warning: The deactivation operation will stop data collection