Witness Build Procedure

The Witness Build process used three build machines for building the EVS 5.0.0.0 applications (AutoMARK 1.8.1.0, DS200 Ancillary Devices, DS200 2.7.0.0, DS850 2.4.0.0, and EMS). Each application had its own build documents and COTS software along with build scripts, and source which were used to create the installation directory.

The AutoMARK 1.8.1.0 application was built on the PC with service tag 6DCKJG1 using the following steps:

1. The build machine was scrubbed using DBAN to writing zeroes to all of the hard drive.

2. The step by step instructions in the "EVS5000 CMP10 BLD02 SEC02 AutoMARK Build Environment.pdf" build document was followed to build the AutoMARK pre-source image.

3. The COTS packages were installed on the build machine.

4. A pre-source image of the build machine hard drive was created and saved.

5. A sha1 hash of every file on the build machine hard drive was created and saved.

6. The build machine was scrubbed using DBAN to writing zeroes to all of the hard drive.

7. The step by step instructions in the "EVS5000 CMP10 BLD02 SEC01 AutoMARK Build Procedure.pdf" build document was followed to build the AutoMARK installation directory.

8. The pre-built pre-source image of the build machine was reloaded onto the build machine.

9. The source was loaded on the build machine.

10. A post-source image of the build machine hard drive was created.

11. A sha1 hash of every file on the build machine hard drive was created.

12. Scripts and manual steps were executed to create the AutoMARK installation directory.

13. A final image of the build machine hard drive was created.

14. A sha1 hash of every file on the build machine hard drive was created.

15. The build files were stored in the Wyle repository and the Wyle build documentation was completed.

The DS200 Ancillary Devices application was built on the PC with service tag 6D7DJG1 using the following steps:

1. The build machine was scrubbed using DBAN to writing zeroes to all of the hard drive.

2. The step by step instructions in the "EVS5000 CMP10 BLD03 SEC02 DS200 Ancillary Build Environment.pdf" build document was followed to build the DS200 Ancillary Devices pre-source image.

3. The COTS packages were installed on the build machine.

4. A pre-source image of the build machine hard drive was created and saved.

5. A sha1 hash of every file on the build machine hard drive was created and saved.

6. The build machine was scrubbed using DBAN to writing zeroes to all of the hard drive.

7. The step by step instructions in the "EVS5000 CMP10 BLD03 SEC01 DS200 Ancillary Build Procedure.pdf" build document was followed to build the DS200 Ancillary Devices installation directory.

8. The pre-built pre-source image of the build machine was reloaded onto the build machine.

9. The source was loaded on the build machine.

10. A post-source image of the build machine hard drive was created.

11. A sha1 hash of every file on the build machine hard drive was created.

12. Scripts and manual steps were executed to create the DS200 Ancillary Devices installation directory.

13. A final image of the build machine hard drive was created.

14. A sha1 hash of every file on the build machine hard drive was created.

15. The build files were stored in the Wyle repository and the Wyle build documentation was completed.

The DS200 2.7.0.0 application was built on the PC with service tag T15MMN1 using the following steps:

1. The build machine was scrubbed using DBAN to writing zeroes to all of the hard drive.

2. The step by step instructions in the "EVS5000 CMP10 BLD07 SEC01 DS200 Firmware Build Procedure.pdf" build document was followed to build the DS200 installation directory.

3. The COTS packages were installed on the build machine.

4. A pre-source image of the build machine hard drive was created.

5. A sha1 hash of every file on the build machine hard drive was created.

6. The source was loaded on the build machine.

7. A post-source image of the build machine hard drive was created.

8. A sha1 hash of every file on the build machine hard drive was created.

9. Scripts and manual steps were executed to create the DS200 installation directory.

10. A final image of the build machine hard drive was created.

11. A sha1 hash of every file on the build machine hard drive was created.

12. The build files were stored in the Wyle repository and the Wyle build documentation was completed.

The DS850 2.4.0.0 application was built on the PC with service tag 15TMMN1 using the following steps:

1. The build machine was scrubbed using DBAN to writing zeroes to all of the hard drive.

2. The step by step instructions in the "EVS5000 CMP10 BLD05 SEC01 DS850 Firmware Build Procedure.pdf" build document was followed to build the DS850 installation directory.

3. The COTS packages were installed on the build machine.

4. A pre-source image of the build machine hard drive was created.

5. A sha1 hash of every file on the build machine hard drive was created.

6. The source was loaded on the build machine.

7. A post-source image of the build machine hard drive was created.

8. A sha1 hash of every file on the build machine hard drive was created.

9. Scripts and manual steps were executed to create the DS850 installation directory.

10. A final image of the build machine hard drive was created.

11. A sha1 hash of every file on the build machine hard drive was created.

12. The build files were stored in the Wyle repository and the Wyle build documentation was completed.

The EMS application was built on the PC with service tag 6DCKJG1 using the following steps:

1. The build machine was scrubbed using DBAN to writing zeroes to all of the hard drive.

2. The step by step instructions in the "EVS5000 CMP10 BLD01 SEC02 EMS Build Environment.pdf" build document was followed to build the EMS pre-source image.

3. The COTS packages were installed on the build machine.

4. A pre-source image of the build machine hard drive was created and saved.

5. A sha1 hash of every file on the build machine hard drive was created and saved.

6. The build machine was scrubbed using DBAN to writing zeroes to all of the hard drive.

7. The step by step instructions in the "EVS5000 CMP10 BLD01 SEC01 EMS Build Procedure.pdf" build document was followed to build the EMS installation directory.

8. The pre-built pre-source image of the build machine was reloaded onto the build machine.

9. The source was loaded on the build machine.

10. A post-source image of the build machine hard drive was created.

11. A sha1 hash of every file on the build machine hard drive was created.

12. Scripts and manual steps were executed to create the EMS installation directory.

13. A final image of the build machine hard drive was created.

14. A sha1 hash of every file on the build machine hard drive was created.

15. The build files were stored in the Wyle repository and the Wyle build documentation was completed.