Microsoft OA3 Support Procedures

1. Deploy Windows 10 image.
2. Copy the OA3Support folder from [\\boxx\Engineering\Programs and Applications\Microsoft](file:///\\boxx\Engineering\Programs%20and%20Applications\Microsoft%20) to the Windows 10 Desktop. Open an elevated Command Prompt. Navigate to the OA3Support folder.
3. Be sure you have an Ethernet connection to the Production Network. The OA3 server resides on the Production Network and activation will fail if not connected to Production.
4. Execute the runme.cmd batch file. You will be asked if the mainboard is ASUS. If the mainboard is ASUS, the ASUS utility will be launched; it will fail on other mainboard types.
5. If not ASUS, you will be asked if it is Gigabyte. If yes, the Gigabyte utility will be launched. If not Gigabyte, the default AMI flash utility will be executed.
6. In the command window, you should see that “The command completed successfully”. **If any other result is observed, do not attempt a fix, at this time. Ask for assistance from Engineering.**
7. When successful, copy the files in the OA3\Output folder into the server location where we store the System Information (msinfo32) dump then ***remove any remaining OA3 executables from the system prior to shipping – this is extremely important***.

***The following information*** describes the steps performed by the batch files, runme.cmd, run\_ASUS.cmd and run\_else.cmd and ***is*** ***presented for informational purposes only***. One or more of the steps below may be of use in an unsuccessful activation attempt.

1. Prompt the user to determine if an ASUS mainboard is installed. Is ASUS, call run\_ASUS.cmd, otherwise call run\_else.cmd
2. If using pre-OA3 image (a Windows 10 image which was not installed using the OA3 default product key), the product key must be changed by opening a Command Prompt with Administrative Privileges then run the chgkey.cmd file. This sets the Windows 10 default manufacturing key.
3. Run the following command to obtain a product key from the Factory Floor Key Inventory (FFKI) server. **Oa3tool.exe /assemble /configfile=oa3.cfg.** This command generates an oa3.bin file which is injected into the mainboard firmware using the manufacturer’s utility.
4. If ASUS mainboard, run\_ASUS.cmd will execute the **SLPBuilderConsole.exe /oa30:output\oa3.bin** command to inject the key stored in oa3.bin into firmware.
5. If non-ASUS mainboard, run\_else.cmd will execute the **afuwinx64 /aoutput\oa3.bin** command to inject the key stored in oa3.bin into firmware.
6. After injecting the oa3.bin into firmware, generate a report and automatically submit it to Microsoft using this command: **Oa3tool.exe /report /configfile=oa3.cfg**
7. The scripts should print “Done!” to the screen.