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Version Compare

× SW Version 및 호환성 확인 방법에 대한 안내 페이지입니다.

C#

C#

```
bool IsVersionMatch(ref string message)
{
    ec.TEcFileVerInfo_SDK sdkInfo = new
ec.TEcFileVerInfo_SDK();
    ec.TEcFileVerInfo_WDM driverInfo = new
ec.TEcFileVerInfo_WDM();
    ec.TEcFileVerInfo_FW fwInfo = new ec.TEcFileVerInfo_FW();
    bool isVersionMatch = ec.ecNet_GetVerInfo(0, ref sdkInfo,
ref driverInfo, ref fwInfo, ref errorCode);

    if (isVersionMatch)
    {
        message = "OK";
        return true;
    }

    // Firmware Verion 확인
    string ver_Fw = string.Format("{0}.{1}.{2}.{3}",
fwInfo.CurVer.MajorVer, fwInfo.CurVer.MinorVer, fwInfo.CurVer.BuildNo,
fwInfo.CurVer.RevNo);
    string comp_Fw_Drv = string.Empty;
    string comp_Fw_Lib = string.Empty;
    string comp_Drv_Lib = string.Empty;

    //FW - SDK 호환성 결과
    switch ((ec.EEcVerCompatResult) sdkInfo.nFwCompResult)
    {
        case ec.EEcVerCompatResult.ecVER_MISMATCH_LOWER:
comp_Fw_Lib = "Library version is higher than the Firmware"; break;
        case ec.EEcVerCompatResult.ecVER_MISMATCH_HIGHER:
comp_Fw_Lib = "Library version is lower than the Firmware"; break;
        case ec.EEcVerCompatResult.ecVER_MATCH: comp_Fw_Lib =
"OK"; break;
        default: comp_Fw_Lib = "Firmware Version is invalid";
break;
    }

    //FW-WDM 호환성 결과
    switch ((ec.EEcVerCompatResult) driverInfo.nFwCompResult)
    {
```

```
        case ec.EEcVerCompatResult.ecVER_MISMATCH_LOWER:
comp_Fw_Drv = "Driver version is higher than the Firmware"; break;
        case ec.EEcVerCompatResult.ecVER_MISMATCH_HIGHER:
comp_Fw_Drv = "Driver version is lower than the Firmware"; break;
        case ec.EEcVerCompatResult.ecVER_MATCH: comp_Fw_Drv =
"OK"; break;
        default: comp_Fw_Drv = "Firmware Version is invalid";
break;
    }

    //SDK-WDM
    switch ((ec.EEcVerCompatResult) sdkInfo.nWdmCompResult)
    {
        case ec.EEcVerCompatResult.ecVER_MISMATCH_LOWER:
comp_Drv_Lib = "Driver version is lower than the Library"; break;
        case ec.EEcVerCompatResult.ecVER_MISMATCH_HIGHER:
comp_Drv_Lib = "Library version is lower than the Driver"; break;
        case ec.EEcVerCompatResult.ecVER_MATCH: comp_Drv_Lib =
"OK"; break;
        default: comp_Drv_Lib = "Driver Version is invalid";
break;
    }

    message = string.Format("FW-WDM : {0}. WDM-DLL : {1}. FW-
DLL : {2}", comp_Fw_Drv, comp_Drv_Lib, comp_Fw_Lib);
    return false;
}
```

Cause

Solution

Category

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