

Software Specification

C# Sample Program for EI Service SDK

**Revision History**

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| --- | --- | --- | --- |
| **Revision** | **Date** | **Notes** | **Owner** |
| 1.0 | 2018/01/31 | First version | Hank.Peng |
|  |  |  |  |

1. **Customer’s requirement**

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| **Project (\*)** | 同欣 | **Apply Date (\*)** | 20180124 |
| **Customer (\*)** | 同欣 | **Business (\*)** | 100/y |
| **PM (\*)** | Alan.Kao | **AE (\*)** | Sammy |
| **Platform** | EIS-D210 | **OS (\*)** | WES7E |
| **Peripheral** | **Name** | **Purpose** |
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| **User /****Functional Requirements** | **Description** | **Evaluate Solution** | **Version** |
| SV query service C# sample code | C# Sample Code | 1.0 |
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| **Others** |
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**(\*): Must**

1. **Software Specification**

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| We will provide a Windows command application for the functional demonstration of Service SDK, include below items:1. Get Version: To get Service SDK Version.
2. Get Status: To get Service SDK Status.
3. Get All Service: To get all active services that current running in the device.
4. Get Service’s Capability: Assign an active service and get the service’s capability.
5. Set Service’s Action: Assign an active service and send a data write action to the device.

The sample program main screen is defined as below: |

1. **Efforts of Software Development/Customization**

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| **Tasks** | **Comment** | **Man-days** |
| Feasibility Evaluation | Technique study + Confirm SW specification | 1.5 |
| Design & Development | Software architecture design & Implement | 3.5 |
| Functional verification | RD Testing and debug | 1.5 |
| Documentation | Release Note & User Guide | 0.5 |
| **Total** |  | **7** |

1. **Signature**

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| **Customer:** Company: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_By (Signature): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Name (Print): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Title:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Address:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Anticipated Annual Quantities: \_\_\_\_\_ | **Approve by:** | **Advantech Co., Ltd.****Name(Print):** **Title:**  **Address**:2F., No.27, Wende Rd., Guishan Dist., Taoyuan City 333, Taiwan, R.O.C**Tel**: 886-2-2792-7818 |
| **Comments:** |