Datalogic® Compatibility SDK

Document:	Application Portability SDK Guide	**Distribution Date:**	17/08/2013
Product Involved:	Elf™, Falcon™ X3, and Skorpio™ X3 devices.		
Description:	Application Portability SDK Guide		
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1. INTRODUCTION
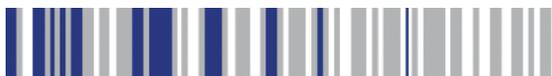
- On Datalogic Elf, Falcon X3, and Skorpio X3 devices with version 1.70 or later firmware has API support for applications built for the Datalogic Memor™.

- This document provides the currently supported C++ Classes, the C# Methods, and scanner parameters of the Legacy Device's SDK API's.

- This feature was added to Datalogic Elf, Falcon X3, and Skorpio X3 devices since version 1.70.

2. Supported sdk VERSIONS:

- Datalogic C/C++ SDK for Windows CE 5.0 – v4.01 for Datalogic Memor and legacy devices.
- Datalogic C/C++ SDK Extension for Windows Mobile 6.0/6.1 v4.01 for the same devices.
- Datalogic .NET SDK for Windows CE 5.0 v2.0.2. (Mobility Kit)
- See http://www.datalogic.com/resources.aspx?t=0&search_name=SDK&search_prod=61

3. Scanner Supported C++ Classes AND their members:

- Class DLScanner
    - init
    - deinit
    - read
    - scanEnable
    - scanDisable
    - isScanEnabled
    - pressSoftTrigger
    - releaseSoftTrigger
    - registerLabelEvent
    - deregisterLabelEvent
    - registerLabelMessage
    - deregisterLabelMessage
    - registerStartScanningEvent
    - deregisterStartScanningEvent
    - registerStartScanningMessage

- deregisterStartScanningMessage
- registerStopScanningEvent
- deregisterStopScanningEvent
- registerStopScanningMessage
- deregisterStopScanningMessage
- registerTimeOutEvent
- deregisterTimeOutEvent
- registerTimeOutMessage
- deregisterTimeOutMessage
- getLabelTextLength
- getLabelText
- getBinaryDataLength
- getBinaryData
- getIdentifier
- getBarcodeTypeLength
- getBarcodeType
- getBarcodeAIMIdentifierTextLength
- getBarcodeAIMIdentifierText
- attachListener
- detachListener
- getScanPressEventName
- getScanReleaseEventName
- Class DLScannerSetup
    - setDefault
    - getParameter
    - getParameterByReference
    - setParameter
    - setParameterByReference
    - getXMLDescriptionTextLength
    - getXMLDescriptionText
    - save
    - getStatus
    - getReaderIdentifier

4. SCANNER SUPPORTED ACTIVEX CLASSES AND THEIR MEMBERS:

- Class Datalogic Scanner
    - Property sBarcodeAIMIdentifierText
    - Property sBarcodeType
    - Property nIdentifier
    - Property sLabelText
    - Property bScanEnabled
    - Method pressSoftTrigger
    - Method read
    - Method releaseSoftTrigger
    - Event LabelScanned
    - Event Scan Started

- Event Timeout
- Class Datalogic ScannerSetup control
  - Method getParameter
  - Method getParameterString
  - Method getReaderIdentifier
  - Method getStatus
  - Method getXMLDescription
  - Method save
  - Method setParameter
  - Method setParameterString
  - Method setDefault
  - Method setXMLDescription
- Class Datalogic Device control
  - Property blnCradle
  - Property nBatteryLevel
  - Method SoundBeeper