



Intel® Learning Series
Advancing Education Worldwide

Intel® Learning Series Developer Program Self Verification Program

Process Document





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1 Introduction

1.1 Overview

The Intel Learning Series is a complete education solution designed for 1:1 eLearning in classrooms around the world. It includes infrastructure, hardware, software, content, training, and support delivered by local vendors to meet local needs.

The Learning Series is brought to life by local technology companies to ensure cultural relevance, sustainability, and support for local economies. Intel brings together an education ecosystem to provide a complete 1:1 eLearning offering, working with a wide network of vendors to develop and deliver technologies that support and optimize Intel Learning Series classmate PCs.

This Self Verification Program provides resources for local technology companies to test products for compatibility with Intel Learning Series classmate PCs. The Self Verification Process can provide more value to all of the players in the 1:1 eLearning environment:

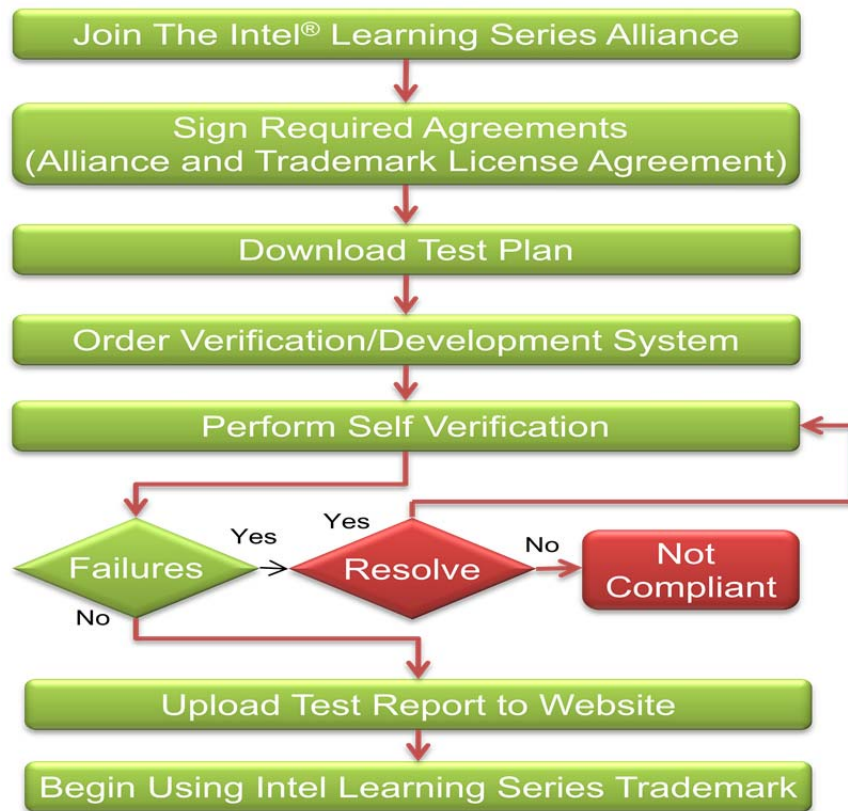
- System vendors and integrators can have higher confidence that the building blocks they use for their Intel Learning Series solutions are compatible.
- Customers have a wider breadth of locally relevant solutions available that are optimized and verified to work better together.
- Local technology companies can develop and test solutions that are aligned with the Intel Learning Series which could provide access to new markets by being listed on Intel Learning Series website and collateral.
- Through this program Alliance members receive:
 - Access to 'loaner' Intel Learning Series classmate PCs
 - Opportunity to purchase a single classmate PC for testing and marketing purposes
 - Real time upgrades to the Intel Learning Series Software Suite
 - Opportunity to take advantage of the Intel Learning Series Advancing Education Worldwide text treatment- our education 'seal of approval'

1.2 What is the Self Verification Process flow

You will have 90 days from the time you join the Intel Learning Series Alliance to complete Self Verification Process with your product to remain a member of the Alliance. If you fail to self verify a product and submit your test results during that 90 day period your membership may be revoked. Additionally if you do not comply with yearly self verification your membership may be revoked.



If you are unable to complete the Self Verification Process within 90 days and are working to address incompatibility issues, an extension may be granted. Submit your Self Verification Test Report to the site admin by sending a note to the Alliance Admin at allianceadmin@intel.com along with a letter of explanation.



1.3 Who should use the Self Verification Process

The Self Verification process was developed for Intel Learning Series Alliance members that are local technology providers that develop and market building blocks for education. Following this process will help to ensure compatibility when used in conjunction with Intel Learning Series classmate PCs to form a complete Intel Learning Series 1:1 eLearning solution. This includes software, hardware and Infrastructure component vendors.

1.4 Scope of this document

This document provides guidance to complete the Self Verification Process. It also explains your responsibilities for completing this testing as part of the Intel Learning Series Alliance of products. All of the documents required for joining the Alliance, fulfilling the Self Verification Process and using the Intel Learning Series text treatment are available through the Intel Learning Series Web site at www.intellearningseries.com and navigating to the "Alliance" tab.



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In this document you will find the following information:

How to access to Intel Learning Series classmate PCs

Where to find current Self Verification Test Scripts and Test Reports

Steps to complete the Self Verification Process

Steps to take after completing the Self Verification Process



2 Alliance members requirements

2.1 Use of the Intel Learning Series text treatment

There are three steps you must take prior to using the Intel Learning Series Text Treatment:

1. The product must undergo the Self Verification Process.
2. You must also be a current member of the Intel Learning Series Alliance.
3. You must sign the 2011 appropriate trademark and license agreement, and comply with the usage guidelines.

All of the information applicable to use the Intel Learning Series text treatment can be found at the Intel Learning Series web site www.intellearningseries.com under the “Alliance” tab.

2.2 Self Verification requirements

This Self Verification Process must be completed on a yearly basis using the currently available Self Verification Test Script, software and systems. Information about the current Self Verification Process is available at www.intellearningseries.com/alliance under the “Verification” tab.. It is strongly recommend that you retest as new software releases become available (see the “Overview of the Intel Learning Series Software Suite” section in this document for information on how to get the latest core software stack). You should submit your Self Verification Test Report as the final step in this process (instructions for submitting the Self Verification Test Report are included on the Test Report document). Please note that Alliance member testing information may be made available through the web site or referenced in other collateral by Intel from time to time.

If you make any substantive changes to your product that may impact compatibility you need to run the Self Verification Process again on your product.

2.3 Intel Learning Series customer support

In an effort to provide solid value to customers in conjunction with the Intel Learning Series, members of the Alliance need to work together to provide support for interoperability of their products with other Intel Learning Series Alliance products. As a member of the Intel Learning Series Alliance you agree to make best commercially viable efforts to support customers for your product for use in conjunction with other Intel Learning Series Alliance products. Members who are not willing to support issue resolution for interoperability are subject to removal from the Alliance and will be prohibited from using the Intel Learning Series text treatment.



3 Intel Learning Series Platforms

3.1 Overview of the Intel Learning Series classmate PC

Intel Learning Series classmate PCs are an exciting, cost-effective education solution designed produced and sold by an extensive network of manufacturers and vendors supporting sustainability and local economies. Intel Learning Series classmate PCs are designed to meet the needs of 21st century teachers and students. They are based on best practices in education and product design from extensive ethnographic research carried out in classrooms around the world. Intel's global design and engineering teams also work in collaboration with local decision makers, end users, and vendors to make sure local values and needs are addressed.

There are several models of Intel Learning Series classmate PCs available in the market. The units are refreshed periodically to keep up with current trends, needs and technologies. For information about specific platforms that are available as a part of the Intel Learning Series please visit the Intel Learning Series website at www.intellearningseries.com under the "Product Info" tab.

3.2 Overview of the Intel Learning Series Software Suite

Intel Learning Series classmate PCs available from OEMs come with a set of software that provides the basic foundation for enabling 1:1 eLearning in the classroom. This base software is known as the Intel Learning Series Software Suite and includes elements for classroom management, platform management, asset management, access management, an education desktop and other client productivity applications. For more information about the applications that are part of the Intel Learning Series Software Suite please visit the Intel Learning Series website at www.intellearningseries.com under the "Product Info" tab. The Software Suite is refreshed on a quarterly basis which may include new features, functions and software updates. The quarterly releases will be available for use in the Self Verification program through the loaner program. If you follow the process for loaner units from the Self Verification pool it will always come with the latest Intel Learning Series Software Suite. If you have previously purchased a system through the purchase program you can request access to the latest Software Suite to upgrade your system by sending a note to the system administrator by sending a note to the Alliance Admin at allianceadmin@intel.com. Please specifically request access to the "Intel Learning Series Software Suite quarterly release" and specify the model of system that you have purchased (this is located on the bottom of the system and may be under the battery). If the unit you have purchased or tested with is more than 90 days old there is a newer release of the Software Suite available and you should consider retesting.



4 Self Verification Process

4.1 Which vendors need to complete self verification

All vendors supplying hardware, software and Infrastructure products to be used in conjunctions with Intel Learning Series classmate PCs must comply with the Self Verification Process.

4.2 Responsibility for testing your product

The Self Verification process is targeted at ensuring that your product is compatible with the Intel Learning Series Software Suite and Intel Learning Series classmate PCs. It is not designed to ensure that all of your product features operate correctly on the Intel Learning Series classmate PCs. You are expected as a part of the Self Verification process to test all features of your product with an Intel Learning Series classmate PC in an environment that mimics a typical classroom environment in which your product may be deployed. You are solely responsible for following all aspects of the Self Verification Process and the testing of all features for your product in conjunction with the Intel Learning Series classmate PCs.

Localized language versions of the OS are NOT addressed in the process due to the complexity of being able to provide solutions for every possible language. You are responsible to load any local operating system versions you support on an Intel Learning Series classmate PC and test your product features using that localized operating system versions.

4.3 Hardware Self Verification Process

Products considered under the hardware category are devices that have electrical or mechanical interface to Intel Learning Series classmate PCs. This category includes items such as stands, chargers, bags, carts, and connectors or similar non software components that interact or interface directly with Intel Learning Series classmate PCs. Any device that includes loading drivers or software to operate correctly needs to follow the software and driver Self Verification process in addition to following the hardware test procedure. You need to test to all applicable sections below.

Electrically related devices: If your product is an electrical type product that interacts electrically with Intel Learning Series classmate PCs you should follow the guidelines in this section. Ensure that your product is compatible with the product specifications for the targeted Intel Learning Series classmate PC. Specifications for the Intel Learning Series classmate PCs can be found on the Intel Learning Series website. If additional information is required please make a request by sending a note to the Alliance Admin at allianceadmin@intel.com. If you request additional information please be specific as to the exact detail and reason you need that information to expedite the response. You will need to physically test your product for a maximum typical duration of use in all possible configurations. For instance if your device is a charging device it should be tested for prolonged period of time to ensure there are no failures to either your charging device or the classmate PC. If your device can be used in multiple locations for the Intel Learning



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Series classmate PC such as a USB type device you should test it in all possible USB slots. You should test your device for a typical lifetime insertion/removal test to ensure that there are no failures to either your device or the Intel Learning Series classmate PC. If your product is tested with or designed for only one specific model, please specify this in your Self Verification Test Report. Note that there are several types of Intel Learning Series classmate PCs available and that there may be differences in form factors, standards and implementations in each of these products, so be sure to test with and specify which product was used in your Self Verification Test Report.

Mechanically related devices: If your product is a mechanical type product that interfaces directly with an Intel Learning Series platform you should follow the guidelines in this section. All components that directly interface with Intel Learning Series classmate PCs should be tested against a standard Intel Learning Series classmate PC to ensure mechanical compatibility. Ensure that your product is compatible with the product specifications for the target Intel Learning Series classmate PC. Specifications for the product can be found on the Intel Learning Series website. If additional information is required please make a request by sending a note to the Alliance Admin at allianceadmin@intel.com. If you request additional information please be specific as to the exact detail and reason you need that information to expedite the response. You need to physically test your product in all possible configurations with the Intel Learning Series platform. If your product is tested with or designed for only one specific model, please specify this in your Self Verification test report. Note that there are several types of Intel Learning Series classmate PCs available and that there may be differences in form factors, standards and implementations in each of these products, so be sure to test with and specify which product was used in your Self Verification Test Report.

Due to the variety of possibilities for hardware components, it is impossible to predict all testing necessary. It is important however that you anticipate and test typical customer environments you will be expected to support to avoid field related support considerations. Please also make sure to consider in your testing that the Intel Learning Series classmate PC is targeted at a “student friendly” environment.

4.4 Infrastructure device Self Verification Process

Products considered under this category include items such as servers, wireless network APs, and other devices that do not directly physically or electrically interact with the Intel Learning Series classmate PCs and do not require any specialized drivers or software to operate. If you provide an infrastructure component, but also require software to be run on the Intel Learning Series classmate PC, please ensure that you also follow the software and drivers Self Verification Process.

Infrastructure components to be used in conjunction with Intel Learning Series classmate PCs need to be tested in typical deployment configurations that test the worst case configurations. For instance with testing a wireless AP in conjunction with classmate PCs, it should be tested with multiple devices in a typical classroom environment. Due to the variety of possibilities for Infrastructure components, it is impossible to predict all testing necessary. It is important however that you anticipate and test typical customer environments you will be expected to support to avoid field related support considerations.



4.5 Software and drivers Self Verification Process

Products considered under this category include any product that loads software or drivers on the Intel Learning Series classmate PC in order to operate. This includes such solutions as web sites that require specific resources to be available on a product to execute beyond the web browser, such as Flash support, pdf support, etc. Due to the potential considerations with interactions between the Intel Learning Series classmate PCs and these types of products Intel requires more stringent testing process for software and driver categories of solutions. If your product falls into this category you will need to follow the Self Verification Test Script available at the Intel Learning Series website. This testing is targeted specifically at ensuring that the core software stack functionality and drivers for the Intel Learning Series classmate PC are not impaired by other products that are targeted at belonging to the Intel Learning Series Alliance products. The testing does not cover ensuring that your product functions correctly on Intel Learning Series classmate PCs. You are required to test your product features and functions as a part of the Self Verification Process. You are expected to test all major features and functions of your product on an Intel Learning Series classmate PC.

Please download and run the Self Verification Test Script which can be found at the Intel Learning Series website. This may be found on the Intel Learning Series web site www.intellearningseries.com/alliance under the "Verification" tab.

Please note that currently there is no defined process for testing with Linux operating systems. If you wish to test with a Linux operating system you can use the loaner program or purchase program to access an Intel Learning Series classmate PC for testing. You can load Linux operating system, drivers and applications on those systems for development and verification purposes. Intel intends to add a Linux based Self Verification Test Script in the future. Please check back at the Intel Learning Series website for information when it is available.



5 Post Self Verification Test Report

5.1 To Complete the Self Verification Process

In order for customer to understand your product better and to understand test results from the Self Verification, you are should consider posting your Self Verification Test Report along with your product collateral on your website. You must submit your Self Verification Test Report following instructions on the Test Report document. Intel may periodically provide these results to potential customers on request. In the future Intel may also provide the capability of posting the Self Verification Test Reports on our website, and may post existing Test Reports on the site for customer reference. Intel may periodically check for compliance. If you have not submitted a Self Verification Test Report, Intel may at its sole option revoke your membership in the Intel Learning Series Alliance. You will need to submit updated Self Verification Test Reports annually as new platforms or Self Verification Processes become available. See the Self Verification Test Report document for instructions on how to submit the form.



6 Self Verification Process updates

6.1 Updated Self Verification Process

Intel will periodically update the Self Verification Process, Test Scripts, or Test Reports. If a new requirements or documents are posted on the Intel Learning Series website www.intellearningseries.com/alliance under the "Verification" tab, you are required to retest your product and/or fill out and submit an updated Self Verification Test Report within 90 days of such changes to the Self Verification Process, Test Script, or Test Report. Please check the Intel Learning Series website periodically for updates.



7 New platform releases

7.1 Your responsibility for new platform compliance

Intel will periodically release a new family of products. It is important that you retest your solution with these new platforms to ensure interoperability with the new Intel Learning Series classmate PCs. You will be required to submit Self Verification Test Reports within 90 days of any new platform release. Intel will post information about these new Intel Learning Series classmate PCs at the Intel Learning Series website www.intellearningseries.com. Please check periodically for updates.



8 Verification Platforms

8.1 How to access Intel Learning Series classmate PC

The Self Verification Process requires the use of an Intel Learning Series classmate PC. Intel will select a representative platform on a yearly basis to be used in conjunction with the Self Verification Process. Intel will make those platforms available for purchase or loan through the Intel Learning Series web site www.intellearningseries.com/alliance under the “Verification” tab. If you will need a platform for a longer period of time for development purposes you may want to consider purchasing the platforms.

If you need access to other platforms in the program (other than the default Self Verification platform) please request one by sending a note to the Alliance Admin at allianceadmin@intel.com. Please be specific on what platform you are requesting access to in order to expedite a response, and be specific if you are requesting to purchase or borrow a unit.

To purchase systems for Self Verification or development efforts in small quantities contact your local vendor (see the “Where to Buy” tab on the Intel Learning Series website), or use the vendors identified by Intel. Intel has worked with vendors that are willing to provide small quantities of systems with the latest Intel Learning Series Software Suite. To find the vendors that have agreed to supply Intel Learning Series classmate PCs for the Self Verification Program, please go to the Intel Learning Series Website www.intellearningseries.com/alliance under the “Verification” tab.

To request loaner units please fill out the form that can be found at www.intellearningseries.com/alliance under the “Verification” tab. Please note that you will be responsible for units that are not returned, returned late or damaged.