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ExpressCard™ Compliance Testing Information

Overview

PCMCIA has developed the ExpressCard Compliance Program in order to assure compliance and interoperability in products using the ExpressCard logo. In order to participate in the ExpressCard Compliance Program, the company must be a member of PCMCIA. PCMCIA member company's products which pass the Compliance Program are added to the ExpressCard Resource Directory, and the member company earns the right to obtain a license to use the ExpressCard Logo on the compliant product, product packaging and product promotional material.

Compliance Program Registration

If you are a manufacturer of ExpressCard products and would like to participate in the ExpressCard Compliance Program, please follow the instructions found at:
<http://www.expresscard.org/web/site/compliance.jsp>.

Compliance Process

You must fill out the "self-administered checklist for the product" which can be found on the registration site listed above. You must assert that the answers given are complete and correct. MCCI is not in a position to answer these questions which are designed by PCMCIA to ensure the product meets the ExpressCard Standard. Your product designers/engineers must provide this information.

Interoperability Testing

The process that MCCI will use when performing Interoperability Testing as part of the ExpressCard Compliance Program is outlined below. To ensure that test results submitted by the test house will be qualified and treated by PCMCIA as equivalent to those obtained at an official ExpressCard Interoperability Event please follow these instructions carefully.

Test Procedures

The ExpressCard Interoperability Checklist details all of the tests performed by MCCI. The current version of this document is "ExpressCard_InteropCklst_1_1.PDF" and it is available to PCMCIA members at "<http://www.expresscard.org/members>."

Submission of Results

Contents of Submissions

Upon completion of testing MCCI will send you two signed sets of test results, one White copy and one Yellow copy. Each submission of results to PCMCIA must include the original White set of MCCI Test Results Reports (or a fax of the same), with all copies signed by both MCCI

and the Vendor . Any testing exceptions during any test should be noted and explained in as much detail as possible on the MCCI Test Results Reports, and exceptions that run across multiple tests may also be explained in the summary (if provided) if it is believed to have a common cause. MCCI may also include any additional explanatory information / data to assist the Compliance Program Evaluation Panel in making their pass/fail determination.

The Vendor may also include, along with the submission of results, any explanations that they feel may assist the Compliance Program Evaluation Panel with making their determination on the pass/fail status of a particular DUT.

Pass/Fail Determination

MCCI is not authorized to make official pass/fail decisions on any DUT or to issue any official notifications of such pass/fail. This determination can only be made by the Compliance Program Administrator and/or the ExpressCard Compliance Program Evaluation Panel.

Format of Submissions

Submissions from MCCI on behalf of the DUT vendor shall not be considered official until MCCI's Interoperability Test Results Reports, with all copies signed by both MCCI and the Vendor, have been received by PCMCIA. MCCI may submit a preliminary test result for any DUT in electronic form by email to compliance@pcmcia.org or fax to 408-433-9558. A preliminary result will, at a minimum contain a summary of all exceptions (failed or N/A responses), any explanations from MCCI and the vendor. The Compliance Program Administrator is not required to make a pass/fail determination based on a preliminary submission, but does reserve the right to do so.

Testing Schedule

You will need to send your test product(s) and payment to MCCI in order to test. We will schedule lab time for you on a “first come, first served” basis. Testing is estimated to require between 1 and 2 weeks. We will be able to give you a better schedule when you contact MCCI.

Payment must be made in advance. For your convenience, you may pay by check, wire transfer, Amex, Visa or MasterCard.

<i>ExpressCard Compliance Test Price List</i>	
<i>Type of Test</i>	<i>Price (USD)</i>
Module	\$600.00
Host System	\$900.00

Note: Procedural requirements are subject to change without notice.



For Module testing you will need to send MCCI the following items:

- A module with current firmware loaded. This will be returned five days after the completion of testing.
- Your current software installation diskette or CD/DVD along with installation and operating instructions for your product.
- Your company check or wire transfer for the full amount of the testing. You may also pay with Amex, Visa or MasterCard by calling Ms. Trish Shigley at +1-607-277-1029 X101.
- Your Courier account number and shipping information (including phone number) so that we are able to return your devices.
- Export documentation information if you are shipping from outside the United States.

For Host testing you will need to send MCCI the following items:

- A host system with operating system ready-to-run. This will be returned five days after the completion of testing.
- For any non-Windows system or any host that is not configured as a standard PC, documentation describing how to administer the system and add ExpressCard modules.
- Your company check or wire transfer for the full amount of the testing. You may also pay with Amex, Visa or MasterCard by calling Ms. Trish Shigley at +1-607-277-1029 X101.
- Your Courier account number and shipping information (including phone number) so that we are able to return your devices.
- Export documentation information if you are shipping from outside the United States.

Shipping information

Please send your items to:

Attn: ExpressCard Test Lab
MCCI
3520 Krums Corners Road
Ithaca, NY 14850-9540
USA

Telephone: +1-607-277-1029 X105



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General Terms and Conditions

The following terms and conditions apply.

1. This proposal shall be valid for 30 days.
2. All prices quoted in US dollars, FOB, Ithaca, New York. Payments shall be made by credit card, company check or wire transfer. For wire transfers, customer will pay all transfer charges. Payments are due with order.
3. Non-recurring engineering costs shall be negotiated separately.
4. Customer agrees to indemnify and hold harmless MCCI and ExpressCard from and against any and all claims, losses, damages, cost or expenses (including but not limited to attorney's fees) suffered or incurred by MCCI or ExpressCard as the result of or in connection with any third party claim arising from Customer's distribution, publication or other dissemination or the results of the Services and/or Determinations.

Customer acknowledges that ExpressCard has no obligation to MCCI under these Terms and Conditions, and agrees not to seek any recourse against ExpressCard for matters arising out of the Services and/or Determinations performed.

Further, Customer agrees not to seek any damages against MCCI or ExpressCard for work or services performed by MCCI under these Terms and Conditions.

5. MCCI shall utilize and apply its best efforts to provide professional services in accordance with the terms, provisions, and conditions of this offer for such services to the Customer. MCCI will, in a timely manner, advise the Customer of the progress of work performed via written reports.
6. These terms and conditions shall form the sole and exclusive terms of this quotation, and will not be superseded by terms and conditions printed on the Customer's purchase order, or any other terms and conditions, without the express written approval of MCCI.
7. Governing Laws: State of New York

Note: Procedural requirements are subject to change without notice.