CCEVS APPROVED ASSURANCE CONTINUITY MAINTENANCE REPORT

ASSURANCE CONTINUITY MAINTENANCE REPORT FOR

Green Hills Software INTEGRITY-178B Separation Kernel, comprising: INTEGRITY-178B Real Time Operating System (RTOS), version IN-ISP448-0100-SK_LMFWPCD2_Rel running on JSF PCD System Processor CCA, version 437140-007 with PowerPC, version 7448

Maintenance Report Number: CCEVS-VR-VID10119-2008a

Date of Activity:	31 July 2009
References:	Common Criteria document CCIMB-2004-02-009 "Assurance Continuity: CCRA Requirements", version 1.0, February 2004;
	Impact Analysis Report, "High Assurance Security Products GHS JSF Panoramic Cockpit Display Separation Kernel Security Impact Analysis, DO-ISP448-0100-SK_LMFWPCD2SIA"
	High Assurance Security Products GHS Assurance Maintenance Plan, IN-INNNNN-0101-HASPAMP
Documentation Updated:	Green Hills Software INTEGRITY-178B Separation Kernel developer evidence

Assurance Continuity Maintenance Report:

The vendor for the Green Hills Software INTEGRITY-178B Separation Kernel Operating System, submitted an Impact Analysis Report (IAR) to CCEVS for approval on 09 July 2009. The IAR is intended to satisfy requirements outlined in Common Criteria document CCIMB-2004-02-009, "Assurance Continuity: CCRA Requirements", version 1.0, February 2004. In accordance with those requirements, the IAR describes the changes made to the certified TOE and the security impact of the changes.

Changes to TOE:

This maintenance activity consists of a functional and hardware platform modification to the Green Hills Software (GHS) INTEGRITY-178B Separation Kernel Operating System for the JSF Panoramic Cockpit Display. The software architecture (e.g. organization and responsibilities of each software component) was not modified. The modifications to the certified TOE had no impact on information flow between partitions.

The Impact Assessment Report also indicates that the vendor performed all the activities required as defined in the *High Assurance Security Products GHS Assurance Maintenance Plan* for the development of a security impact analysis when functional modifications are made to an evaluated product.

Conclusion:

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The changes to the TOE were analyzed and found to have no impact on the information flow between partitions and are classified as minor. Therefore, CCEVS agrees that the original assurance is maintained for the above-cited version of the product.