

ECS Configuration Change Request

CCR No. <u>97-1682</u>		Logged Date <u>12/4/97</u>		Rev. <u>-</u>	Request Type <u>CCR</u>	
Priority	Routine <input checked="" type="checkbox"/>	<input type="checkbox"/>	Emergency <input type="checkbox"/>	Affected Release	<u>2.0</u>	Change Class <u>II</u>
Title (description) Implement standalone security structure in SMC BBS ring						
Documents Affected <u>DID 611 Hardware/Software MAP</u> <u>ops. Manual in SMC, 920-705-002</u>				Source Nos (RID, NCR, Action Item, GSFC CCR, etc.) or Tech Reference <u>DID 214</u>		
RTM Change <input type="checkbox"/> Start New Baseline <input checked="" type="checkbox"/>						
Problem The Release 2 SMC includes a BBS server (for use by any user) and two FTP servers (to be used by Landsat International Ground Station (IGS) users and potentially others to push data to ECS). In order to make these hosts accessible to the Internet, they are installed on a separate FDDI ring on the ECS router at GSFC. The hosts are at risk to intruders as there is no protective umbrella under which to hide. At present, these hosts are part of the GSFC DAAC NIS (Network Information System) domain which presents an unacceptable security risk to the program. If an intruder is able to break through and get the root password to one of these three servers, the intruder will have access to all of the hosts at the GSFC DAAC.						
Proposed Solution The TSIWG highly recommends setting up each of these three servers to use a standalone /etc/password and /etc/group files and to disconnect NIS and NFS including automounts.						
<i>Need Date 12/12/97</i>						
Impact Analysis: Organizations Affected: BOO <input type="checkbox"/> Contracts <input type="checkbox"/> ECS Chief Eng <input type="checkbox"/> FOS <input type="checkbox"/> M&O <input checked="" type="checkbox"/> Procurement <input type="checkbox"/> QO <input type="checkbox"/> Rel. Dev <input type="checkbox"/> Rel. A <input type="checkbox"/> Rel. C <input type="checkbox"/> SCDO Arch. <input type="checkbox"/> Science Off <input type="checkbox"/> Security <input type="checkbox"/> Subcontract <input type="checkbox"/> Sys. Eng <input checked="" type="checkbox"/> Sys Verf Acpt <input type="checkbox"/>						
Cost: None <input checked="" type="checkbox"/> Small <input type="checkbox"/> Medium <input type="checkbox"/> Large <input type="checkbox"/> <small>(Not exceeding \$100,000) (\$100,000 to \$500,000) (Over \$500,000)</small>						
Schedule: None <input checked="" type="checkbox"/> Other <input type="checkbox"/> Additional LOC _____ Man-Months _____ Materials _____						
Originator <u>Byron V. Peters</u>		<u>Byron V. Peters</u> Signature			<u>12/09/97</u> Date	
Office _____		Office Manager <u>[Signature]</u> Signature			<u>12/9/97</u> Date	
Disposition Approved <input checked="" type="checkbox"/> Approved w/Comment <input checked="" type="checkbox"/> Forward <input type="checkbox"/> Disapproved <input type="checkbox"/> Comments: <u>Update baseline documents</u>						
CCB Chairperson _____		<u>TW Fisher</u> Signature			<u>12/10/97</u> Date	

ORIGINAL