

PDR RID Report

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Document CSMS Requirements Specification

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RID ID	PDR	297
Review	CSMS	
Originator Ref	JSteedman	
Priority	2	

Section 7.2

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Figure Table NA

Category Name Design-ISS

Actionee HAIS

Sub Category

Subject Filtering and performance

Description of Problem or Suggestion:

C-ISS-2010 port/socket filtering is likely to have a significant impact on router throughput performance and filter tables will be as cumbersome to manage as ATM PVCs.

Originator's Recommendation

Documentation should identify a scenario for end-to-end filtering requirements, e.g., which routers need to perform it, which do not, and what kind of filters (IP source/destination vs. port/socket) filtering.

GSFC Response by:

GSFC Response Date

HAIS Response by: Forman

HAIS Schedule 2/28/95

HAIS R. E.

HAIS Response Date 3/22/95

ECS routers will have the ability to perform various filtering options, such as IP address filtering and TCP-port filtering. Such capabilities are included in all popular COTS routers. ECS intends to use router-based filtering where necessary to meet security requirements. ECS has identified a variety of routers and routing/bridging switches with filtering capability and has studied their ability to perform filtering and its impact on performance.

A detailed scenario outlining what filtering mechanisms are required, and where in the ECS topology they will be implemented, will be provided for the CSMS CDR.

Status **Closed**

Date Closed **5/24/95**

Sponsor **desJardins**

***** **Attachment if any** *****