



TIS
INCIDENT REPORT

S.P1229.6.34
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Project: TIS		Incident Number/Reference: 034	
DESCRIPTION (data and sequence of actions leading to fault, details of actual and expected response)			
In the formal design S.P1229.50.1 (v.1.1) the constraints on configuration data allow auth certificates to be issued that are useless for user entry. This is because the minEntryClass can be a higher class than enclaveClearance.			
Found in test:		UserEntry3, UpdateConfig1	
Supporting documentation attached		YES/NO Continued YES/NO	
Found during: (use actual project stages)		Reqs/Sys spec/Security Spec/Proof of Spec/Formal Design/INFORMED Design/ Proof of Design/Code/Code Proof/Integration/Sys test/Acceptance	
Date: 13/8/2003		Signature of Originator:	
EVALUATION (include list of items affected, details of work required, other similar faults, tests to be re-run)			
In the Formal Design add a constraint on ConfigData schema to ensure minEntryClass <= enclaveClearanceC. In the code (configdata.adb) the validation of configuration data should include checks that the constraints in ConfigData are adhered to. Checks should be added to ensure the alarmThresholdSize <= minPreservedLogSize.			
		Continued YES/NO	
Classification:		Critical/ Major/ Minor / Interfaces / Test / No Fault	
Introduced during: (use actual project stages)		Reqs/Sys spec/Security Spec/Formal Design/INFORMED Design/ Code/Integration/Sys test/Acceptance	
Date: 13/8/2003		Signature of Evaluator:	
RESPONSE (detail how incident is to be resolved, identify cause of problem, related faults and change requests)			
Update as described in the evaluation also add constraint to informed design description of config data.			
		Continued YES/NO	
Date: 13/8/2003		Signature of Project Manager:	
IMPLEMENTATION (if applicable)			
Assigned to:		Signature of Project Manager:	
Item modified	Date/Version	Signature of Checker	Signature of Integrator
S.P1229.50.1 (Design)	1.2		
configdata.adb	1.10 → 1.11		
S.P1229.50.2 (INFORMED)	1.1		
		Continued YES/NO	