



TIS
INCIDENT REPORT

S.P1229.6.29
Page 1 of 1

Project: TIS		Incident Number/Reference: 029	
DESCRIPTION (data and sequence of actions leading to fault, details of actual and expected response)			
<p>The INFORMED Design S.P1229.50.2 allows the minPreservedLogSize to be 2^{30} bytes (1 GByte). In our design each logfile must fit on the export media, which is a Floppy. This restricts the individual file size to 2^{20} and results in 1025 files being required to implement the log files. This also means that each log file contains 4096 entries and nothing will be archived until this number of entries have been logged.</p> <p>Found in test: N/A</p> <p>Supporting documentation attached YES/NO Continued YES/NO</p>			
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: 29/7/2003		Signature of Originator:	
EVALUATION (include list of items affected, details of work required, other similar faults, tests to be re-run)			
<p>As this is a demonstration system it seems prudent to chose sizes which result in a system that is easy to test. Suggest reducing minPreservedLogSize to 2^{22} and using 17 log files. This means that each file will contain no more than 1024 entries and the log capacity is 4Mbytes.</p> <p><i>This is best achieved by reducing MaxSupportedLogSize to 2^{22} on the code.</i></p> <p>Continued YES/NO</p>			
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: 29/7/2003		Signature of Evaluator:	
RESPONSE (detail how incident is to be resolved, identify cause of problem, related faults and change requests)			
<p>Update as described in evaluation</p> <p>Continued YES/NO</p>			
Date: 29/7/2003		Signature of Project Manager:	
IMPLEMENTATION (if applicable)			
Assigned to: Janet		Signature of Project Manager:	
Item modified	Date/Version	Signature of Checker	Signature of Integrator
INFORMED Design S.P1229.50.2 audittypes.ads	1.1 1.6 → 1.7	 	
		Continued	YES/NO