

DCMTK - Bug #1165

Segfault when processing an invalid DICOM image with a Photometric Interpretation of "YBR_FULL"

2025-11-05 15:51 - Marco Eichelberg

Status:	Closed	Start date:	2025-11-05
Priority:	Normal	Due date:	
Assignee:	Jörg Riesmeier	% Done:	100%
Category:		Estimated time:	0:00 hour
Target version:		Compiler:	
Module:	dcmimage		
Operating System:			
Description			
When processing an invalid DICOM image with a Photometric Interpretation of "YBR_FULL" and a Planar Configuration of "1" where the number of pixels stored does not match the expected number of pixels (much too less), DiYBRPixelTemplate::convert() may crash with a segmentation fault.			
Reported by Ding zhengzheng < xiaozheng.ding399@gmail.com >.			
Fixed by commit #7ad81d69b.			
This issue has been registered as CVE-2025-9732 (https://www.cve.org/CVERecord?id=CVE-2025-9732).			