

Customer Name:	Bertram Group
Customer Introduction: (some detail describing the company. Industry sector, IT department size, Application type, RPG/COBOL etc.)	Largest UK wholesaler of books to retail, internet and library sectors.
Name:	John Garrould
Job Title:	Group IT Manager
The Business Problem: (a brief description of the problem the company was looking to solve with X-Analysis)	<ol style="list-style-type: none"> <li>1. The ISBN product identifier used in the publishing industry since the 70's is being expanded into a full 13 digit EAN13 from 1/1/2007. The field therefore needed to be expanded in millions of lines of RPG, DDS, displays and report.</li> <li>2. Similar expansion projects also carried out for 6 other legacy fields which were no longer adequate to support the increase volume of business.</li> <li>3. Improve the speed of analysis for ongoing projects through use of X-Analysis.</li> </ol>
The Solution - Using X-Analysis  How X-Analysis helped with the problem	X-Analysis creates a detailed field level cross-reference for the application. This feeds into X-Resize which then automatically converts RPG, DDS and CL for the increased field size. We had some manual tidying up to do but the toolkit saved us about 80% of the time it would have taken to do the job manually. This allowed us to spend more time testing, which is where the human can really add value to the project.
How helpful and easy was X-Analysis to use	X-Analysis is very easy to use and I can't imagine how we'd work without it now. It is essential for ongoing analysis. X-resize has a steeper learning curve but the effort quickly pays off.
Additional benefits	Analysis time drastically cut and better more accurate analysis.
Any specific action taken	
Effect on everyday life	As above
Any unexpected positive side effect	We find new uses for X-Analysis and probably X-Resize almost every week.
Recommendations to other potential/existing X-Analysis users:	All I can say is that if I had to do the same project again on another site X-Analysis would be my first choice.

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