



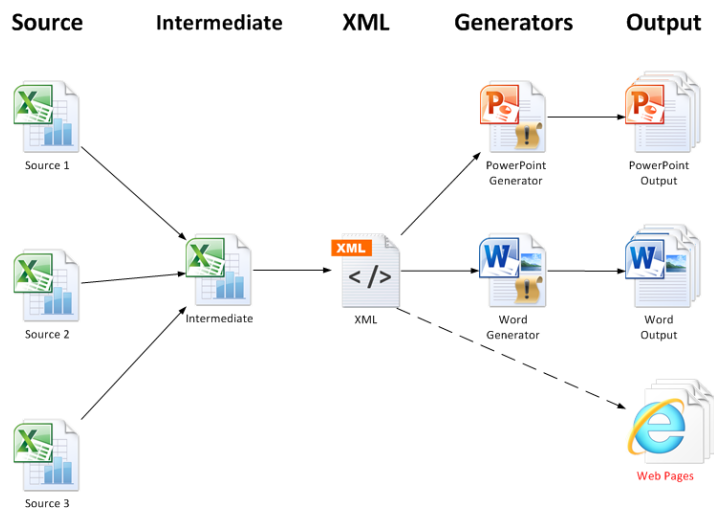
Time-Saving Data Automation Tool

The amount of data being generated and collected today is staggering—some organizations single-handedly collect petabytes of data within a day. Many organizations are challenged to find ways to process and present data in meaningful ways. Wadeware has taken on this challenge and developed an automation tool that leverages existing data, processes it, and outputs it in highly useable and graphically pleasing formats.

One Wadeware client previously spent 40+ hours generating files for a bi-annual report—with the new automation tool, the same work now takes an hour.

The Tool in Action

Wadeware's automation tool ingests existing data into an Excel file, converts it to XML (Extensible Markup Language—a standard protocol for encoding documents), and then generates a PowerPoint file or a Word document. The "Generator" is tailored for each individual client, based on the nature of the data and client needs or specifications.



Because of the highly configurable nature of the automation tool, data changes are a simple matter of updating an Excel spreadsheet, and then re-running the process. Layout and design changes for the generated Word document or PowerPoint slides can easily be accomplished by modifying the Generator template and re-running it.

Versatile Functionality

This automation tool provides actionable intelligence, and can perform the following functions:

- Compute totals and averages
- Sort data
- Customize charts
- Identify trends
- Generate marketing materials

In addition, the automation tool is easy to work with, and you don't have to be a technical person to use it – it is accessed through the commonly used Office framework.

A Success Story

One Wadeware client was previously spending more than 40 hours creating more than 100 documents by hand every six months for a biannual report. This effort entailed finding and replacing text, and editing and sorting charts. Mistakes were difficult to locate, and if any data or design changes were made, many more hours were consumed editing each of the documents.

To help this client, Wadeware took the targeted data from three different databases and combined it into a single Excel spreadsheet. They then created a tool to export the data to XML and another to import XML into a Word document and a PPT template, which was used to produce the needed files programmatically (see the screenshots on the right). With the automation tool, it now takes the client just an hour to produce all required documents for the report—something that previously took more than a week.

