



## CASE STUDY:

### Optimum Talent - Pathfinder: PDF Report Generator



## CHALLENGE

Pathfinder is a career assessment tool owned by Optimum Talent – A career management, coaching and transition consulting group serving many locations within Canada. The Pathfinder system required PDF reports, rich in coloured graphs, high resolution images and career assessment data specific for each of their users. The PDFs would need to be generated and delivered to end-users in a timely manner.

## SOLUTION

The breadth of technical expertise at JIG Technologies gave Optimum Talent the confidence to review all areas of their desired solution and even consider routes not initially entertained. Such as:

- PDF generation on-demand rather than in a background process.
- Construct the PDF in system memory rather than storing PDF reports in a file system.
- Dynamic PDF construction using a data stream to the end-user's web browser.

Using JIG's in-depth knowledge of internet technologies, the following performance hurdles were cleared and these features were provided:

- Analyzing and processing of results from questionnaires (totaling 300+ answers) within 2 seconds.
- Construction of PDF report (including data and all graphs and images) in memory within 2 seconds.
- PDF content including 10 diagrams and charts in a print-quality format approximately 5MB in size.

## RESULTS

The questionnaire and PDF reporting system provided Optimum Talent with a version of Pathfinder that was not only accessible for many users (PC, Mac and tablets) but also was quick to process and provide results in a tangible manner in PDF report of quality for viewing online and for printing. This solution was a large upgrade from the basic web-viewable-only system originally built in the late 1990's and provided Pathfinder's end users and consultants with a great software tool for all their career coaching sessions.