



Customer: Factil Pty Ltd

Factil developed its Kalinda system to meet the requirements of a Business, Research and Innovation Initiative (BRII) challenge – “Sharing information nationally to ensure child safety”. Kalinda provides an advanced general query and record matching search process across the Person, Location and Relationship data; provided by state-based child protection agencies.

Employees: Factil employed three new specialist staff as a result of the BRII Round 1 project.

Sector: Data and software solutions

Location: Surrey Hills, Victoria

Electorate: Chisholm



Products / industries of the electorate: Light and heavy industries including warehouse and metal, transport, education, and retail.

Program: Business, Research and Innovation Initiative (BRII)

BRII provides small to medium sized enterprises (SMEs) with funding to develop innovative solutions for government policy and service delivery challenges. The Department of Social Services proposed this BRII challenge.

Support: From March 2017 to October 2018, Factil was successful in two stages of grant funding for the BRII Round 1 challenge.

Factil’s total grant funding over this period was \$957,741 – a \$100,000 Feasibility Study followed by \$857,741 to develop a Proof of Concept of the proposed solution.

For more information on Factil’s Kalinda technology, visit Factil.io.

For more information on BRII, visit business.gov.au or call 13 28 46.



Factil’s Kalinda system was specifically developed to provide case officers with an interagency search capability across the Person, Location and Relationship data to speed up information sharing.

The system utilises leading machine learning techniques, and is a scalable solution in a secure certified government cloud environment.

Factil collaborated with University of Melbourne academics and specialist companies in the area of machines learning (Silverpond), secure cloud hosting (Sliced Tech) and application security (Sense of Security).

The Kalinda technology was selected to carry out the data analysis project for a Victorian whole-of-government initiative to establish a profile for every Victorian child.

Factil’s BRII Round 1 project to build Kalinda has directly led to two follow-on projects with the Victorian and Australian Governments.

Kalinda is also the reason behind the firm’s successful feasibility study stage of a BRII Round 2 challenge. That challenge will aim for fast and secure digital identity verification for people experiencing family and domestic violence.

“As a direct result of the BRII project we were able to employ three new specialist staff ... and the project directly led to a major sale into a Victorian whole-of-government information sharing initiative.”

Graeme Port, Factil Pty Ltd
