Elixir Business Analytics Platform and Data API Server for Harnessing Data for Value Creation CFC



Presented by:

Lau Shih Hor
Chief Executive Officer
Elixir Technology

About Elixir Technology

Company

- Founded in 1993.
- Presence in Singapore, US, and UK

Accolades

- German Middle Market Innovation Award
- Red Herring 100 Asia Finalist
- APICTA Award Team Singapore
- Deloitte Technology Fast 500 Asia Pacific

Customers

- Over 600 Worldwide Customers across 50
 Countries, including Fortune 100 like Walt Disney,
 Cisco, Coface, Asahi Shimbun, and various banks
 and government
- Extended Presence through Partners in Asia
 Pacific, America, Europe, Middle East, and Africa













Our Valued Customers

Over 800 customers worldwide



Canada Customs and Revenue Agency



Travaux publics et Services gouvernementaux









































































































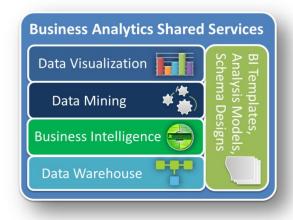




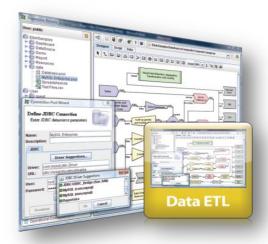
What We Offer for this CFC

Technology Partner for 2 Enabling Components

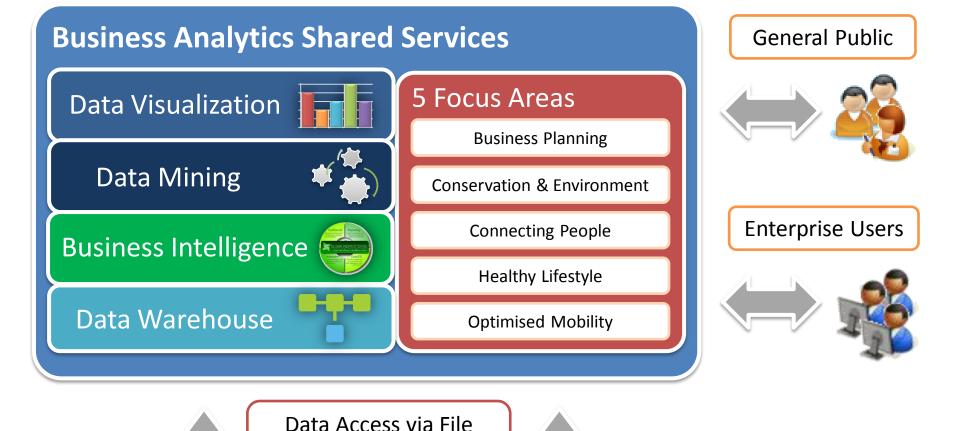
1. Business Analytics Platform for Developing and Deployment of applications for innovative use of government data



2. Data API Server for Provisioning of government data and Mashing with other sources



Business Analytics Platform

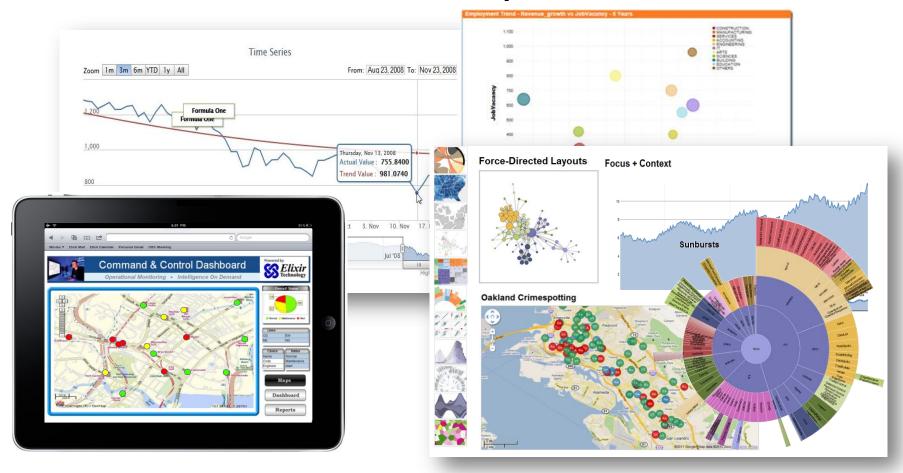


Participating Agencies: IDA, MOF, DOS, EMA, HPB, LTA, NEA, NLB, NPARKS, SLA

Extractions or API Calls

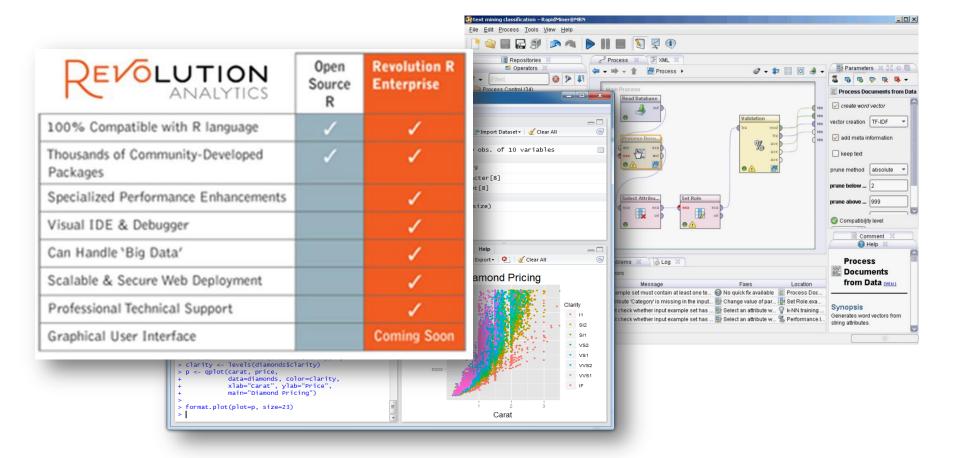
Data Visualization

Advanced Animated JavaScript-Based Visualization for Desktop and Mobile



Data Mining

Integration with R and RapidMiner for Predictive and Descriptive Analytics



Business Intelligence

Integrated Dashboard, Report, Analysis and ETL



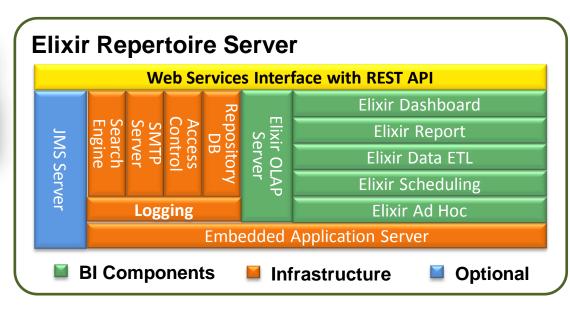
Dashboard

Dashboard for Content Mash-up, Navigation, Analysis, and Visualization



Scheduler

Task Scheduling and Event Activation with External Trigger



Ad Hoc Reporting

Self-Serviced Report Design, Scheduling, and Email Delivery

Ad Hoc Analysis

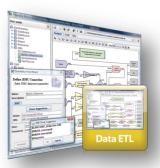
Self-Serviced Multi-Dimensional Pivoting with Built-in OLAP Server





Reporting

Web, Print, and Mobile High Performance Reporting and Information Delivery



Data ETL

Extract, Transform, Load, Aggregate, Cube, Cleanse Data

Data Warehousing

 Relational Database for Conventional Data Warehousing



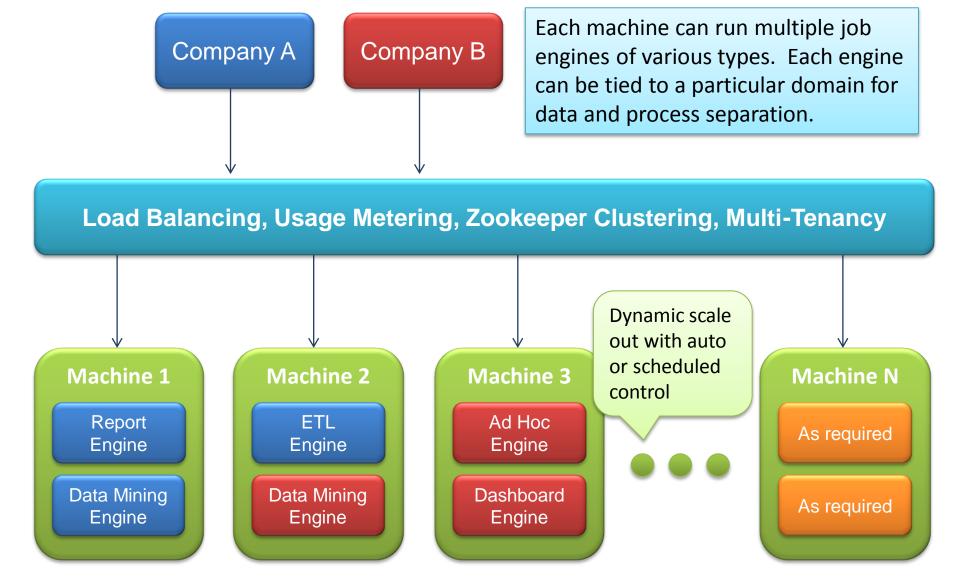
 Analytic Database for Big Data Analytics with Columnar or NoSQL



 In-Memory Database for Real-time Analytics

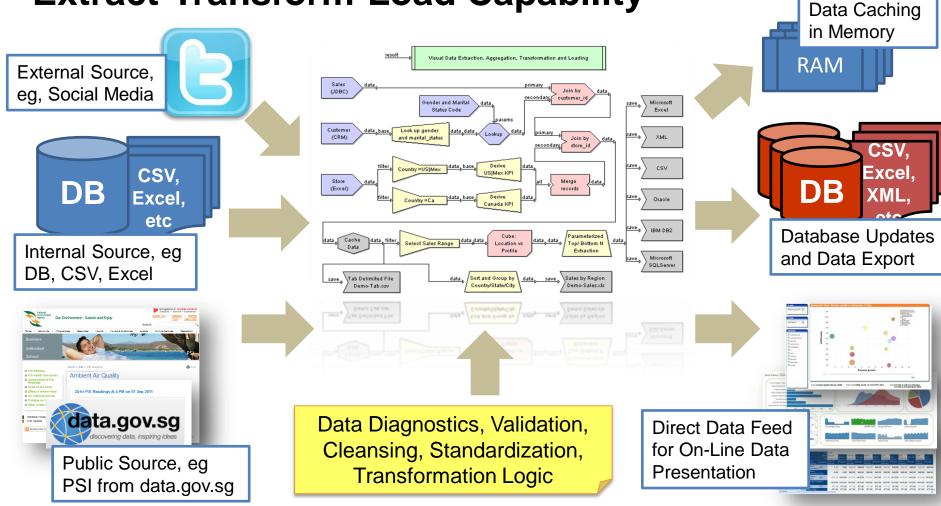


On-Premise or Multi-Tenanted SaaS

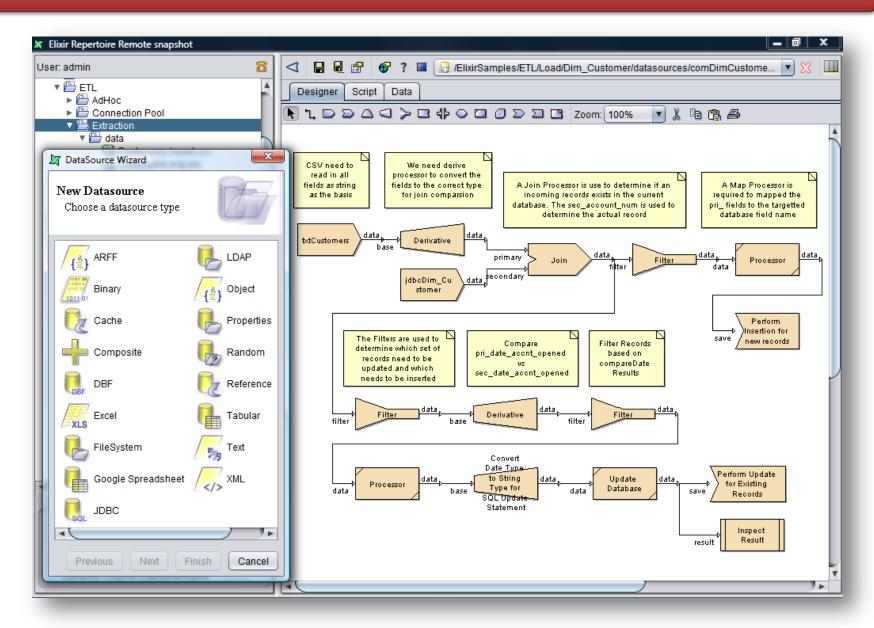


Data API Server

Mash-up and API Provisioning with Extract-Transform-Load Capability



Data Mash-up with ETL



Business Analytics Life Cycle

2

6

Data Sourcing

- Interface with Government Data
- Mash-up with 3rd party or Internal Application Data

Domain Solutioning

1

- Define Solution Approach and Scope
- Clients to Validate Solution Approach and Scope

Data 3 Transformation

- Define Logic for ETL including Validation and Cleansing
- Schedule Task Automation and Alerting

Data 4 Warehousing

- Support RDBMS for OLTP data
- Support Big Data with High Performance Analytic Database

Data Mining

- Revolution R for Data Mining Libraries
- RapidMiner for Analytic Work Flow Modeling and Pre-defined Packages

Data Visualization

- Protovis for Advanced Data Visualization
- Interactive Touch-based Mobile Web Client Visualization

Data Presentation

- Present Results in Professionally developed Report and Dashboard
- Empower End User to Perform Further Analysis

Solution Provisioning

- On-Premise as well as Private, Community and Public Cloud Deployment
- Licensing
 Flexibility from
 Fixed to Pay Per-Use









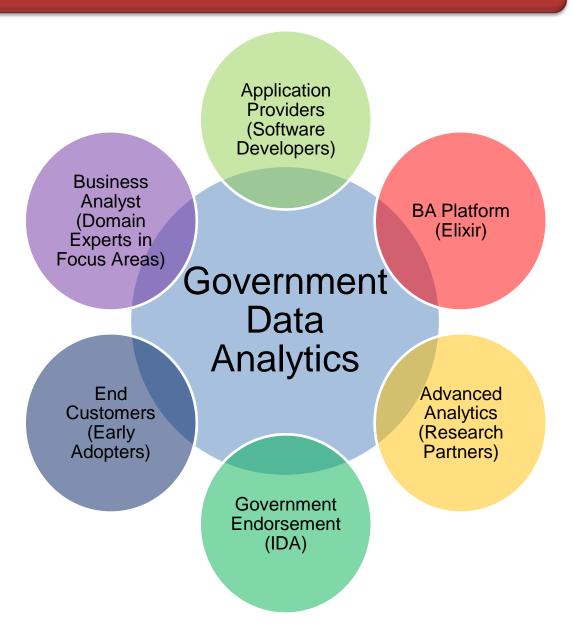
What We Look For

Looking to Partner with:

- Consortium Lead:

 Coordinates and Lead the members from End-to-End collaboration
- Application Providers:
 Providing Existing or New
 Applications in the 5 Focus
 Areas
- Domain Experts:
 Specialists in the 5 Focus
 Areas
- Early Adopts:

 Interested in Using the
 Solutions in any 5 Focus
 Areas



Elixir Business Analytics Platform and Data API Server for Harnessing Data for Value Creation CFC

Thank You!



Presented by:

Lau Shih Hor
Chief Executive Officer
Elixir Technology