ELIXIR
T E C H N O L O G Y

SMART SOLUTIONS
FOR A SMART FUTURE

Providing an Open Analytic Application Platform for Smart Solutions.

Open Analytic Application Platform

VISUALIZATION
Advanced Animated JavaScript Visualization for Desktop and Mobile

DASHBOARD
Dashboard for Content Mash-up, Navigation, and Presentation

GIS MAP ENGINE
Open GIS Map Engine with Tile Server for highly Customizable Geospatial Visualization

ANALYTIC DB
Big Data Analytic with Columnar or NoSQL In-Memory DB for Real-time

REPORTING
Web Print & Mobile High Performance Reporting and Information Delivery

AD HOC BI
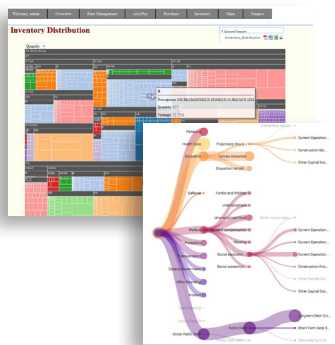Self-Serviced Report and Pivot Design, Scheduling and Email Delivery

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

SCHEDULER
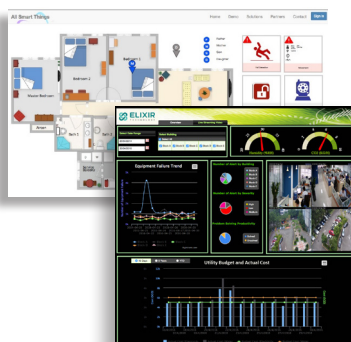Task Scheduling and Event Activation with External Trigger

ENTERPRISE BUSINESS INTELLIGENCE

- Integrate multiple sources of data across typically disparate systems such as Finance, Inventory, Human Resource, and Fleet Management.

- Ready business insights with visualization and interactive dashboards showing various KPIs.

- Scheduled generation and delivery of predefined reports plus dynamic reporting facility for end user self-service.

SMART URBAN MOBILITY

- Integration with video analytics for human and vehicle movement in real-time for mobility insights such as, crowd status, waiting time and speed of movement.

- Anomaly detection for public transport based on multiple sources of vehicular data.

- Predictive model based on queueing theory for Smart Traffic Management.

SMART INTERNET-OF-THINGS (IoT) INTEGRATION

- Centralized IoT data platform to aggregate device data streams, allowing event correlation from multiple devices with advanced notification services.

- Dashboard with visualization to provide real-time situational awareness with data from various IoT devices.

- Complex event streaming and analytics with customizable alert based on combinational thresholds.
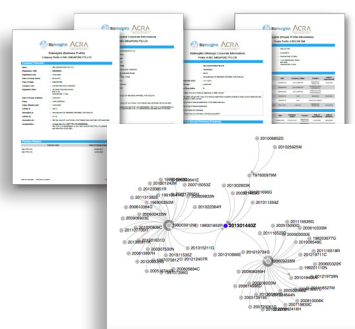
GEOSPATIAL VISUALIZATIONS AND ANALYTICS

- Provide Geospatial Analytics for efficient city, urban and geographical planning.

- Visualize human traffic flow on map to identify densely populated spots, e.g. where people live, work and play, during weekdays or weekends.

- Animated heat map and location "pins" with layering of charts for enhanced user experience in visual analytics.

SMART GOVERNMENT

- Aggregate disparate data sources from internal and external systems, with data transformation, cleansing and text analytics, over secured transfer and storage.

- Analyse effectiveness of various government programmes based on historical transactional data.

- Enable customer segmentation with built-in clustering algorithm or customizable visualization views.

DATA MARKETPLACE FOR DATA-AS-A-SERVICE

- Data-as-a-Service (DaaS) platform for provisioning public or private data using open standard APIs.

- Provides reports, analytics, and customized services on corporate and financial data from Singapore's Accounting and Corporate Regulatory Authority (ACRA).

- Integration with third party data providers for other data services such as social media analytics.

ABOUT US

From a single product provider of Elixir Report, Elixir now offers a full-featured Business Analytics Platform, Elixir Ambience, to address Smart Nation Initiatives involving Video Analytics, Big Data Analytics and Visualization, IoT Integration and Analytics, and Data Marketplace.

The state-of-the-art platform is designed to support scalable and multi-tenanted deployment, supported by a full stack of tools including Dashboard, Ad-hoc BI, Data ETL, Job Scheduler, Data Visualizer, and GIS Map Engine.

OUR DIFFERENTIATION

- Deep Expertise in Software Programming and Architecture Design
- Early Mover in Smart Cities and Smart Nation Solutions
- Open Design for Ready Integration with Third-Party Solution
- Optimal Adoption of Open Standards and Open Source Components

CLIENT HIGHLIGHTS

BANKING & FINANCE

- Affin Bank, Malaysia
- Bank of Tokyo Mitsubishi, Japan
- CIMB Bank, Malaysia
- HSBC, Korea
- PT Bank BNP Paribas, Indonesia
- Kasikorn Bank, Thailand
- Maybank, Malaysia
- OCBC Bank, Singapore
- Prudential, Malaysia
- RHB Bank, Malaysia
- Sumitomo Mitsui Banking Corporation, Japan
- UOB, Indonesia
- UOB, Singapore

CONSUMER & RETAIL

- Albertsons-Safeway, USA
- Costco Wholesale, USA
- KFC Holdings Japan
- KFC/Pizza Hut, Singapore
- Meijer, USA
- Meiji, Japan
- Ricoh, Japan
- Singapore Productivity Centre, Singapore

HEALTHCARE

- Health Science Authority, Singapore
- Kaiser Permanente, USA
- Mahkota Medical Central, Malaysia
- National Healthcare Group, Singapore
- National University Health System, Singapore
- National University Polyclinics, Singapore
- Rite Aid, USA
- Rx.com, USA

TECHNOLOGY

- Cisco Systems Inc., USA
- Fujitsu, Trinidad & Tobago
- Hitachi Systems Ltd, Japan
- Singapore Tourism Board
- NTT-ME Corporation, Japan

TELCO & UTILITIES

- Nippon Telegraph and Telephone, Japan
- NTT Communications, Japan
- Thames Water Utilities, UK

GOVERNMENT

- Board of Audit of Japan
- Kenya Trade Network Agency
- Hong Kong Immigration Department
- Immigration & Checkpoints Authority, Singapore
- JTC Corporation (JTC)
- Ministry of Home Affairs, Singapore
- Ministry of Industry and Primary Resource, Brunei
- Panama National Customs Authority
- People's Association, Singapore
- Prime Minister's Office, Singapore
- Qatar Customs
- Singapore Civil Defence
- Singapore Police Force
- State Courts of Singapore

TRANSPORTATION

- Bangkok Mass Transit System, Thailand
- Central Japan Railway
- ComfortDelGro, Singapore
- Land Transport Authority, Singapore

THE ENTERPRISE 50 AWARDS SINGAPORE 2016

The Enterprise 50 (E50) Awards, Recognition of local, privately-held companies who have contributed to economic development in Singapore and abroad.

RED HERRING 100 ASIA FINALIST FOR THE MOST INNOVATIVE TECHNOLOGY COMPANIES IN 2007

Finalist for top 100 cutting edge companies among 1,000 submissions of the very best from Asia.

DELOITTE TECHNOLOGY FAST 500 ASIA PACIFIC 2007

The 500 fastest growing technology companies from Australia, China, Japan, India, South Korea and other countries in the Asia Pacific region.

OTHER AWARDS

Smart Solutions For A Smart Future