# Boardwalk App Engine

**An Executive briefing - Building Enterprise EXCEL Accelerators:**

While on the operations and production side, there are big challenges to collate, review and analysis of a lot of data created in individual systems or manually prepared and shared. This is the entire gamut of activities / analytics to understand and monitor the health of the operations and production systems, infrastructure, equipment, stock of materials and human resources.  As regards stock of various types of materials there are the usual challenges of visibility of stock –in hand as well as in transit – from vendor to company and from company to sales networks, ageing, expiration, excess stock, "quality" of the inventory.  As regards equipment it is could be more to do with monitoring maintenance schedules, downtime, service history, etc. to take pro-active decisions of replacement and procurement.

As regards Vendors operations cover warehousing and transport activities, order fulfillment, vehicle routing, and coordination with logistic companies and vendors. Vendor rating and management could also be a continuous task.

On the customer facing side, there are BIG opportunities in customer-profiling and understanding buying behavior.  This includes ordering, value, frequency, range of items, demographics, response to promotions, etc. on the supply side.

Planners probably do roles covering demand forecasting, aggregation & planning, inventory planning amongst other responsibilities.

In the Finance and HR area Budgeting, Planning, Analysis and Review, Resource forecasting, budgeting and planning happens in most organisations on spreadsheets.

The plethora of excel files, software platforms, web-portals, vendors, channel partners, etc make a complex system where real-time visibility of data could be a challenge.

Boardwalk will be a good platform to address such challenges.

**Technology:**

Boardwalk is a unique, broad range app engine that enables you to build rich apps on spreadsheets. It is actively used by many of the Fortune 1000 companies to accelerate business activities ranging from simple resource management to complex supply chain management in many different verticals.
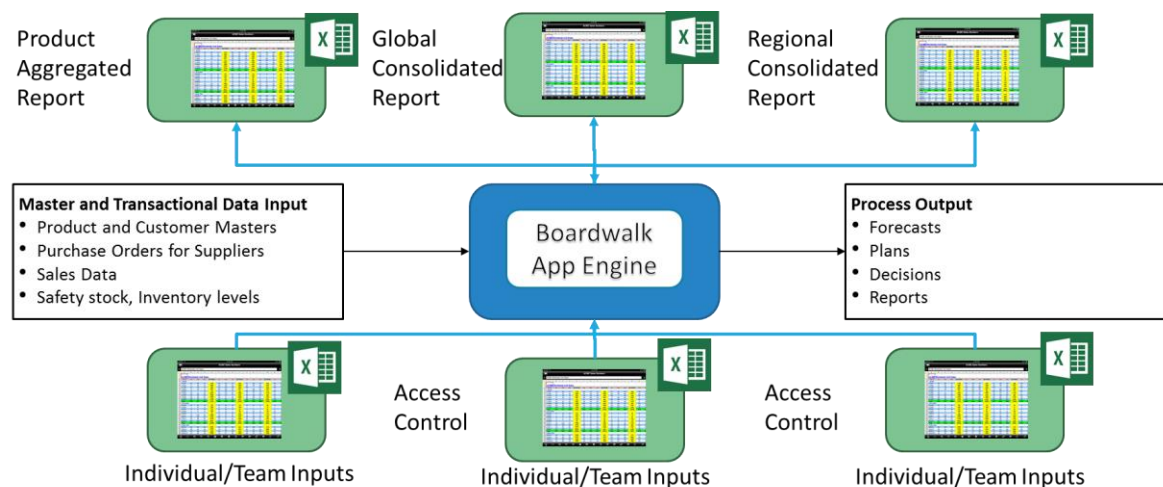
It is ideally suited for global rollup, cross functional alignment and joint business planning with partners and is simple to use, rapid and easy to implement, flexible to change, scalable to many users for any number of apps, with a user friendly Excel interface.

**Decision Making** is made simpler with Boardwalk for following reasons:

- ▪ Assembles data coming from disparate sources and enables nimble decision making, that goes beyond what-if analysis

- ▪ What makes Boardwalk powerful is that it enables collaboration on the data, apply **power of Excel to transform**, making it 'ACTIONABLE' data

- ▪ And Indeed BCP can serve as input back into operational systems - enriching operational data and enabling nimble IT and decision making

It therefore helps to make decisions that reflect up-to-date business conditions with a high degree of confidence in data and decisions.

**Boardwalk App Architecture -** Real-time collaboration, easy information flow, enterprise connectivity:



**The BCP Experience:**

- • **Customer profile:** Multibillion dollar, global organization, large product portfolio, multiple manufacturing locations, multiple time zones, multiple supply and manufacturing partners, multiple systems

- • **Process profile:** Created an operations app between customer sourcing and partner manufacturing dealing with thousands of SKUs to manage supply chain disruptions and optimize costs across five continents

    - • Reduce Cycle Time by 50%

- *52% Cycle Reduction*
- Improve Accuracy by 50%
  - *90% Error Reduction*
- Reduce variations between files from different cross functional teams
  - *84% Variant Reduction*
- Reduce Reviewing Effort by 60%
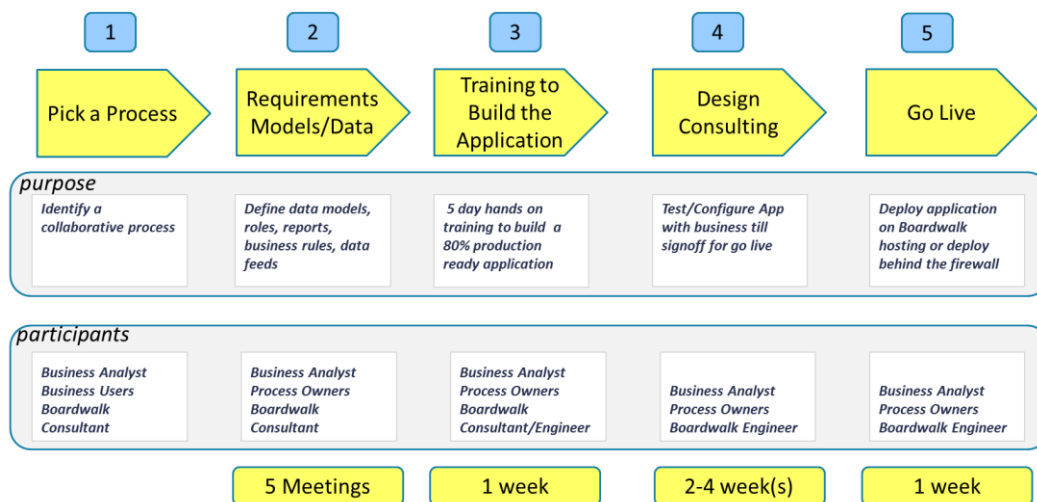  - *78% Review Effort Reduction*

## Rich App Features:

- Stay connected to the ERP systems, pull in actuals, enterprise metrics
- Distribute new products, new customer data to desktop spreadsheets
- Push data to reporting systems
- Roll periodic calendar columns as seasons or cycles change
- Aggregate data in the server without file to file linkages
- Manage master formula to enforce standardization and eliminate errors
- Attachments to Business Excel cells

## Boardwalk App Engine - Enterprise Excel Accelerators built by Business IT:

- Apps built on Spreadsheets extensible to web, mobile
- Flexibility to change the process at the speed of business
- Scalable, Automated consolidation of information
- Enterprise connectivity and reporting
- Enterprise security integration and access control

**Methodology:** How to start with your first process?

| | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| | Pick a Process | Requirements Models/Data | Training to Build the Application | Design Consulting | Go Live |
| **purpose** | Identify a collaborative process | Define data models, roles, reports, business rules, data feeds | 5 day hands on training to build a 80% production ready application | Test/Configure App with business till signoff for go live | Deploy application on Boardwalk hosting or deploy behind the firewall |
| **participants** | Business Analyst Business Users Boardwalk Consultant | Business Analyst Process Owners Boardwalk Consultant | Business Analyst Process Owners Boardwalk Consultant/Engineer | Business Analyst Process Owners Boardwalk Engineer | Business Analyst Process Owners Boardwalk Engineer |
| | | 5 Meetings | 1 week | 2-4 week(s) | 1 week |

**Some of our Esteemed Customers:**