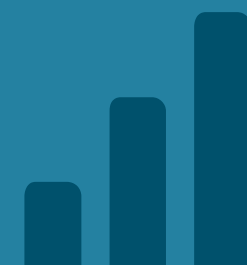




ANNOUNCING EXT JS 5

An overview of Sencha's Application and UI Framework





Who am I?



Arthur Kay

Developer Relations Mgr
Sencha, Inc

www.akawebdesign.com

@arthurakay

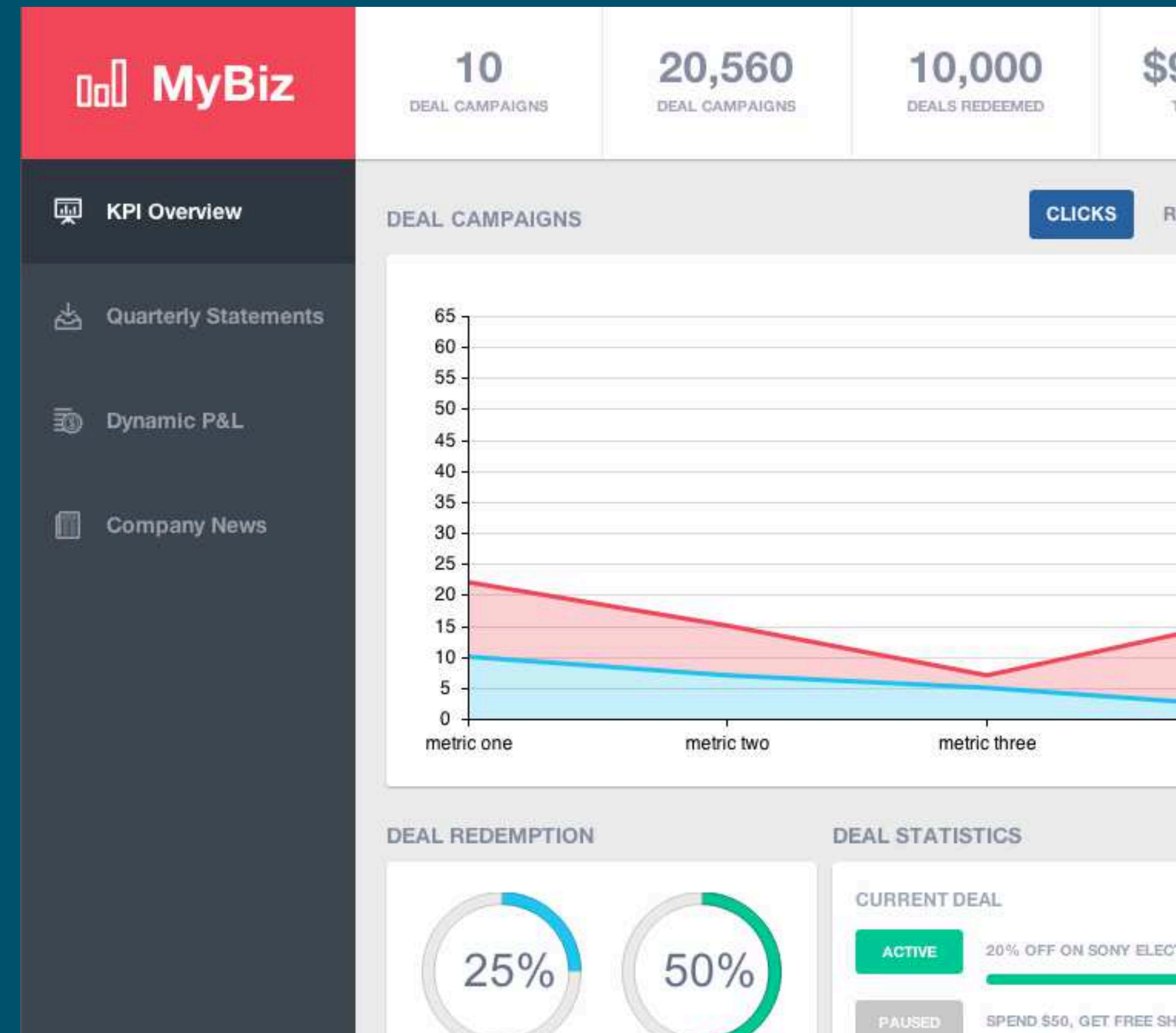
EXT JS 5 | TRY IT TODAY



TRY IT TODAY

Sencha is excited to announce the release of Ext JS 5, the newest version of our flagship application development framework.

www.sencha.com/products/extjs





SENCHA AT A GLANCE

Overview
History
Goals



WHAT'S NEW

Browser Support
Deep Dive



RESOURCES

Q & A



Sencha at a Glance

Founded in 2007

Backed by

SEQUOIA  CAPITAL

 JAFCO VENTURES

RADAR  PARTNERS



2,000,000

Developers
Worldwide



10,000

Commercial
Customers



Leader in Commercial Grade JavaScript and HTML5 Development

More than 60% of the Fortune 100 as clients





DESIGN

Architect 3.0



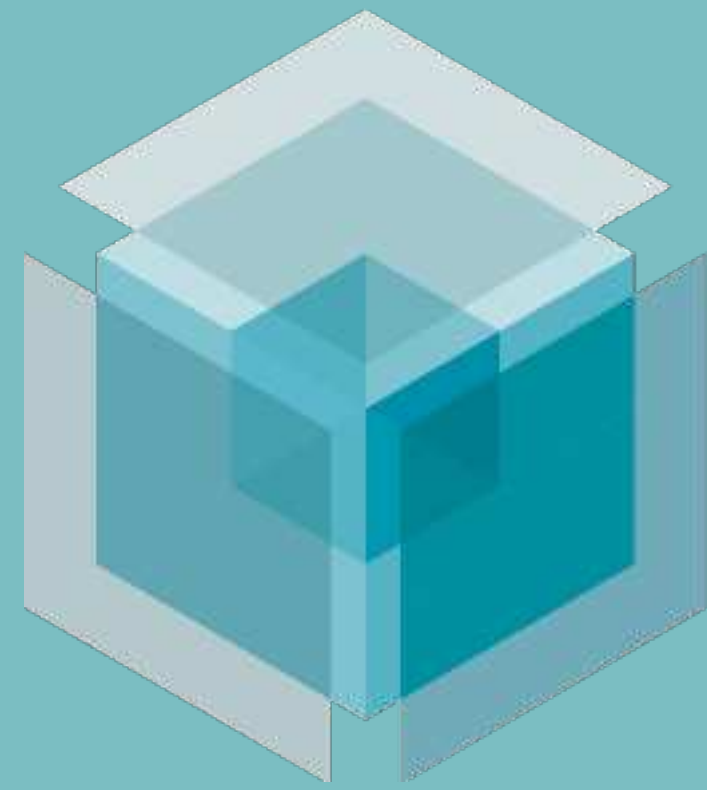
DEVELOP

Ext JS 5.0
Sencha Touch 2.3






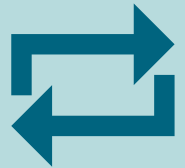
DEPLOY

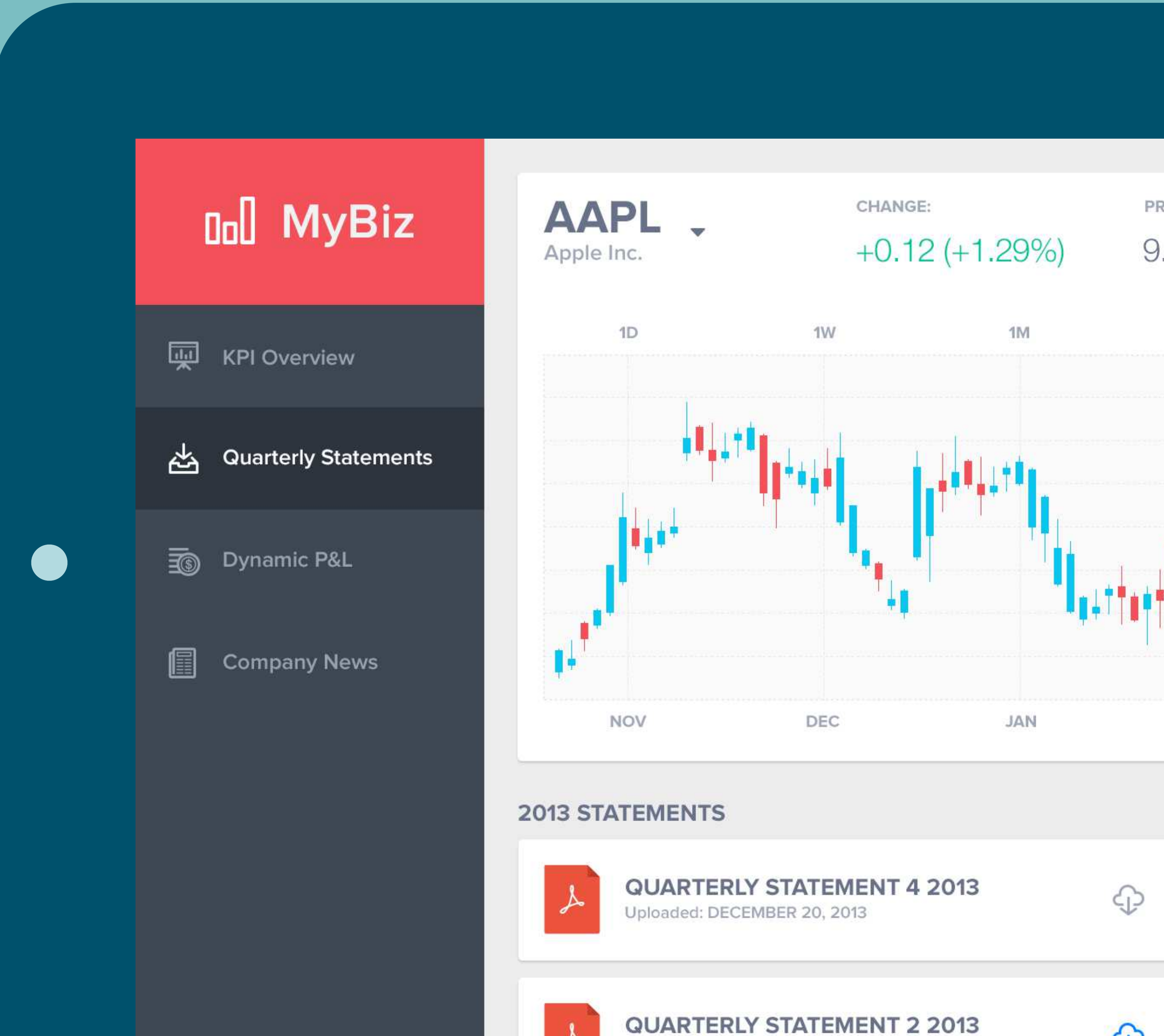
Space 1.0



ext js



-  Multiple Device Deployment
-  Evolutionary, not Revolutionary
-  Improved Developer Productivity
-  Backwards and Forwards Compatibility





ext js | A HISTORY OF INNOVATION

2007

EXT JS 2.0

Rich Internet Apps using
JavaScript

Robust user
documentation

APIs and Samples

2009

EXT JS 3.0

REST support

Ext.Direct server-side
support

Charts & Graphs

ListView

2011

EXT JS 4.0

Declarative Class System

MVC architecture

Animation and drawing

2014

EXT JS 5.0

2-Way data binding

MVVM architecture

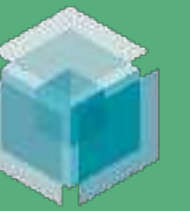
Tablet and Touchscreen
support

Routing



What's New

Ext JS 5 New Features



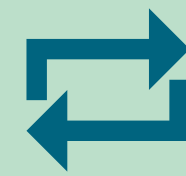
Tablet Support



Widgets



New Themes



Routing



2 Way Data Binding



MVVM Architecture



BROWSER SUPPORT

Deliver apps on the widest selection of browsers and operating systems with a single code base. Ext JS 5 leverages HTML5 features on modern browsers while maintaining compatibility and functionality for legacy browsers. Confidently deliver apps to your end users regardless of what browser they are using.



Safari 6+



Firefox



IE 8+



Chrome



Opera 12+



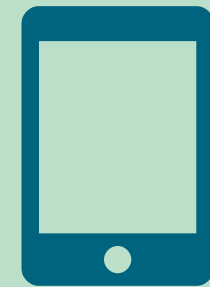
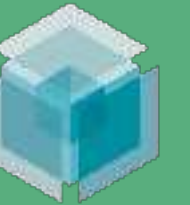
Safari / iOS
6+



Chrome /
Android
4.1+



IE 10+ /
Win 8



TABLET SUPPORT

Support for touch-based gestures

New themes that improve touch interface

Minimal effort to make existing apps touch-compatible





NEW THEMES

Ext JS Kitchen Sink

Grids - Sliding Pager

Examples

Sliding Pager

Company	Price	Cha...	% Change	Last Upda...
3m Co	\$71.72	0.02	0.03%	09/01/2014
Alcoa Inc	\$29.01	0.42	1.47%	09/01/2014
Altria Group Inc	\$83.81	0.28	0.34%	09/01/2014
American Express Company	\$52.55	0.01	0.02%	09/01/2014
American International Group, Inc.	\$64.13	0.31	0.49%	09/01/2014
AT&T Inc.	\$31.61	-0.48	-1.54%	09/01/2014
Boeing Co.	\$75.43	0.53	0.71%	09/01/2014
Caterpillar Inc.	\$67.27	0.92	1.39%	09/01/2014
Citigroup, Inc.	\$49.37	0.02	0.04%	09/01/2014
E.I. du Pont de Nemours and Com...	\$40.48	0.51	1.28%	09/01/2014

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Displaying 1 - 10 of 29

Details

Crisp

Ext JS Kitchen Sink

Grids - Sliding Pager

Examples

Sliding Pager

Company	Price	Cha...	% Cha...	Last Upd...
3m Co	\$71.72	0.02	0.03%	09/01/2014
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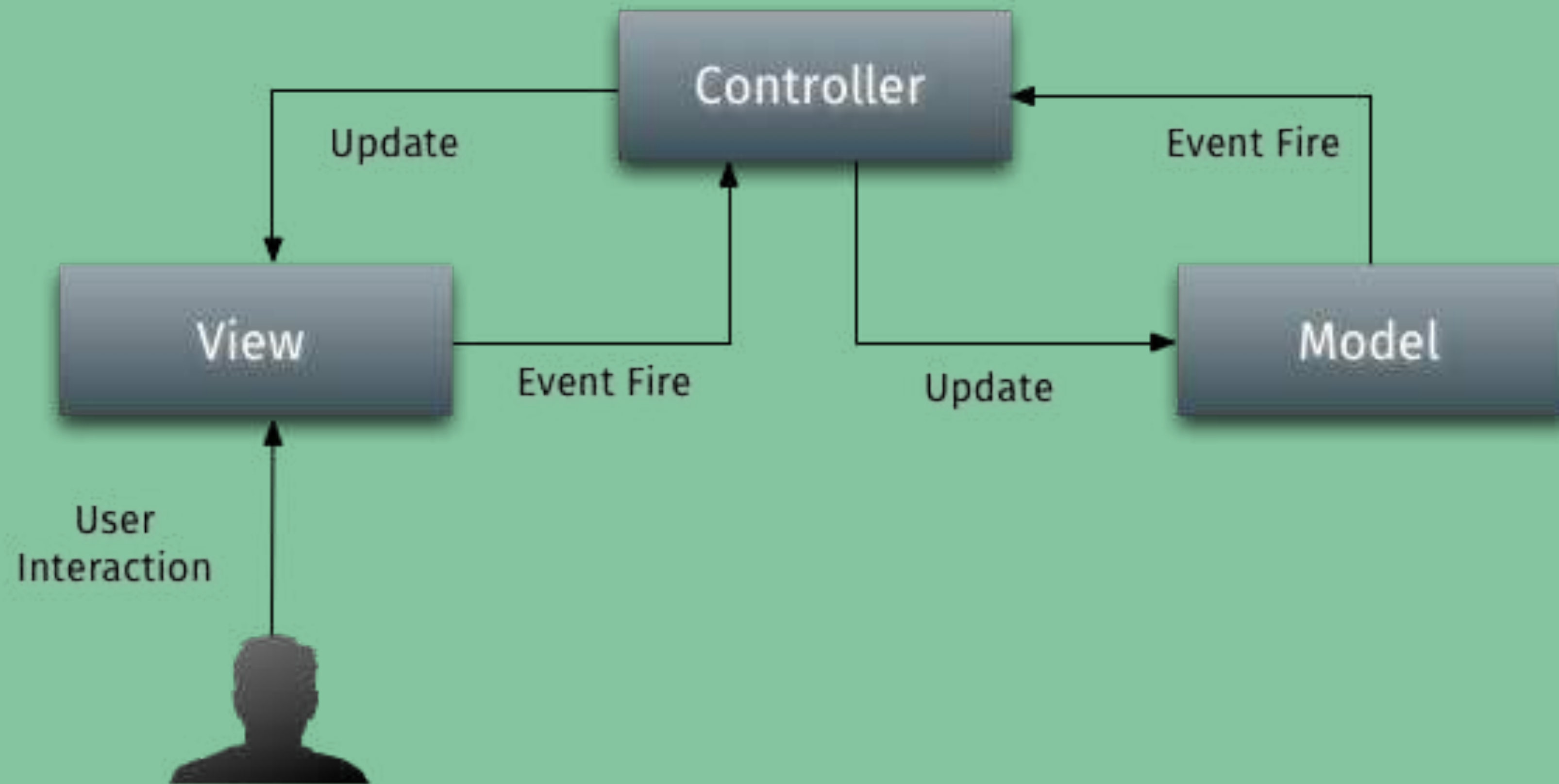
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Displaying 1 - 10 of 29

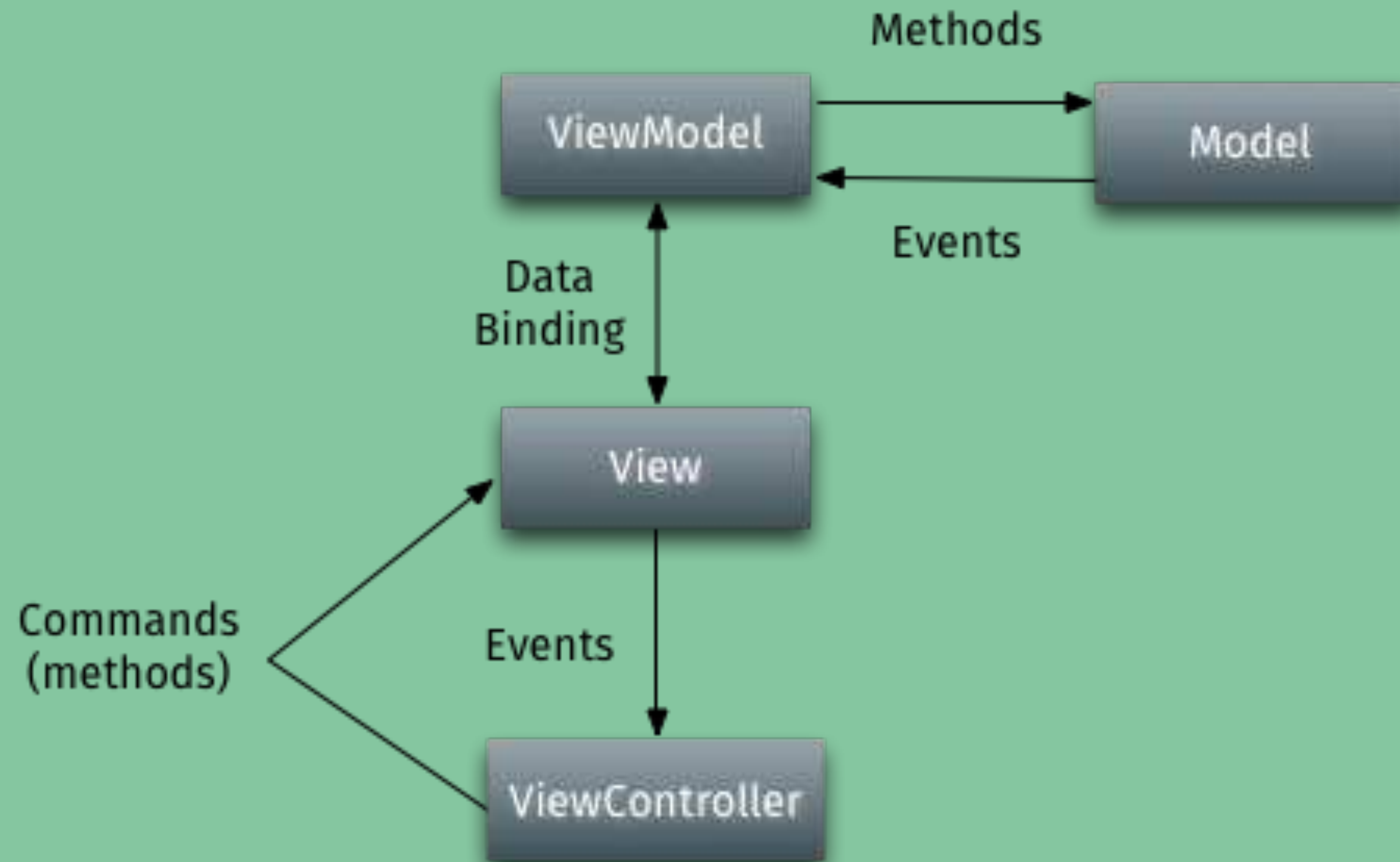
Details

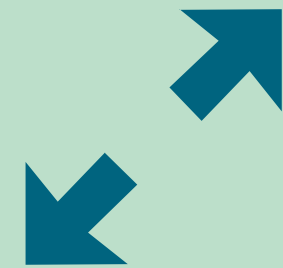
Neptune Touch

MVC Architecture



MVVM Architecture



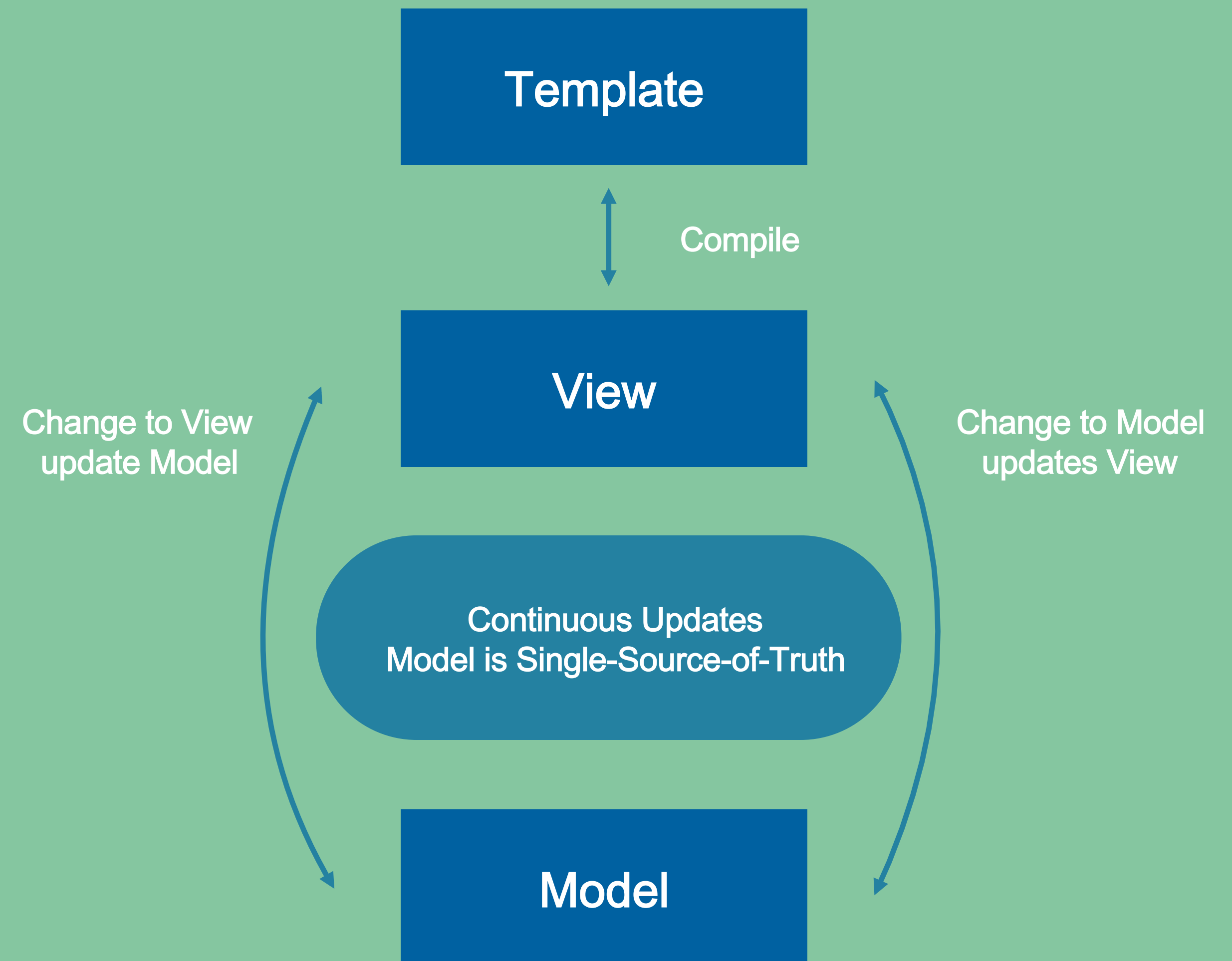


TWO-WAY DATA BINDING

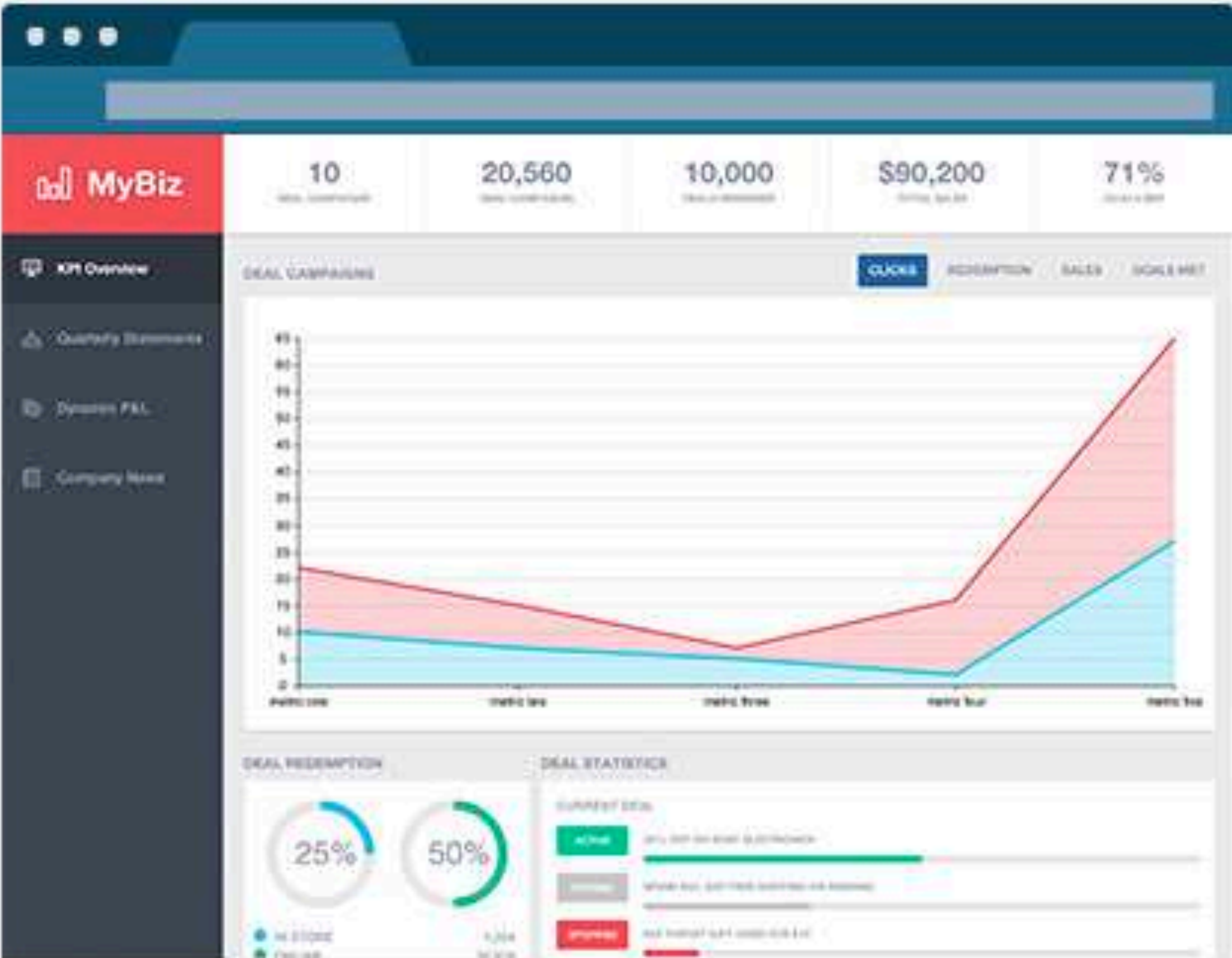
Live synchronization between
Views and Models

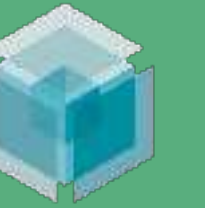
Computed values and fields

Save time and reduce errors



Responsive Layouts





```
responsiveConfig: {  
  landscape: {  
    region: 'west'  
  },  
  portrait: {  
    region: 'north'  
  }  
}
```

OR

```
responsiveConfig: {  
  'width > 800': {  
    region: 'west'  
  },  
  'width <= 800': {  
    region: 'north'  
  }  
}
```

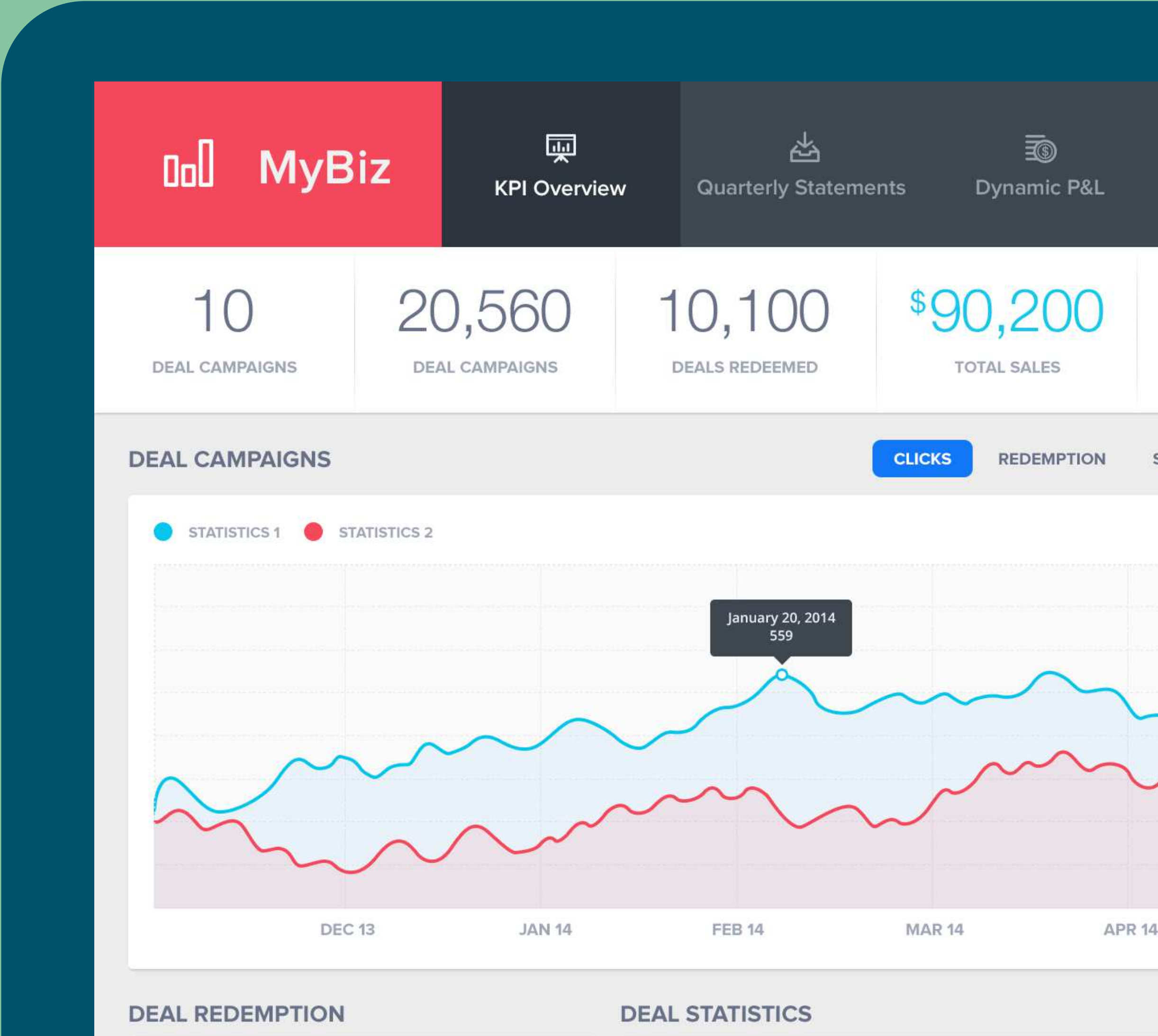

Updated Grid

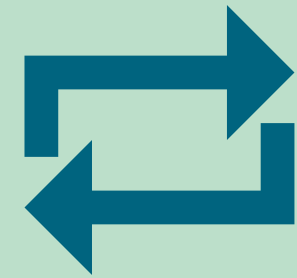




SESSION MANAGEMENT

- Transactional data stores
- Fewer round-trips to the server
- More robust application behaviors





ROUTING

Translates your app's URL into Actions and Methods

Support for multiple routes using a single URI

Enables deep linking inside an app

<http://www.example.com/apps/stocks#aapl/01012014>

 **MyBiz**

 KPI Overview

 Quarterly Statements

 Dynamic P&L

 Company News

AAPL 
Apple Inc.

CHANGE:
+0.12 (+1.29%)

PRIC
9.3



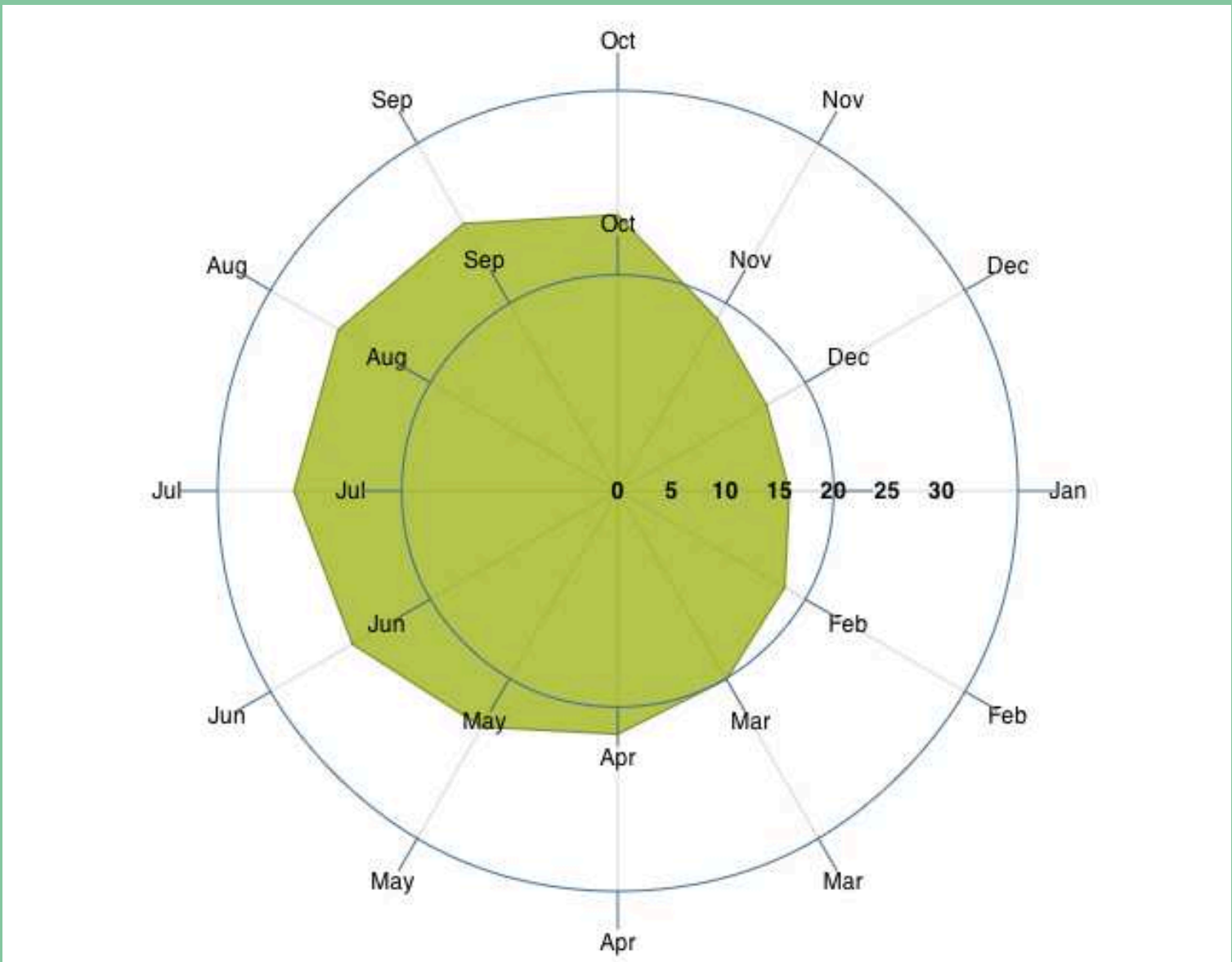
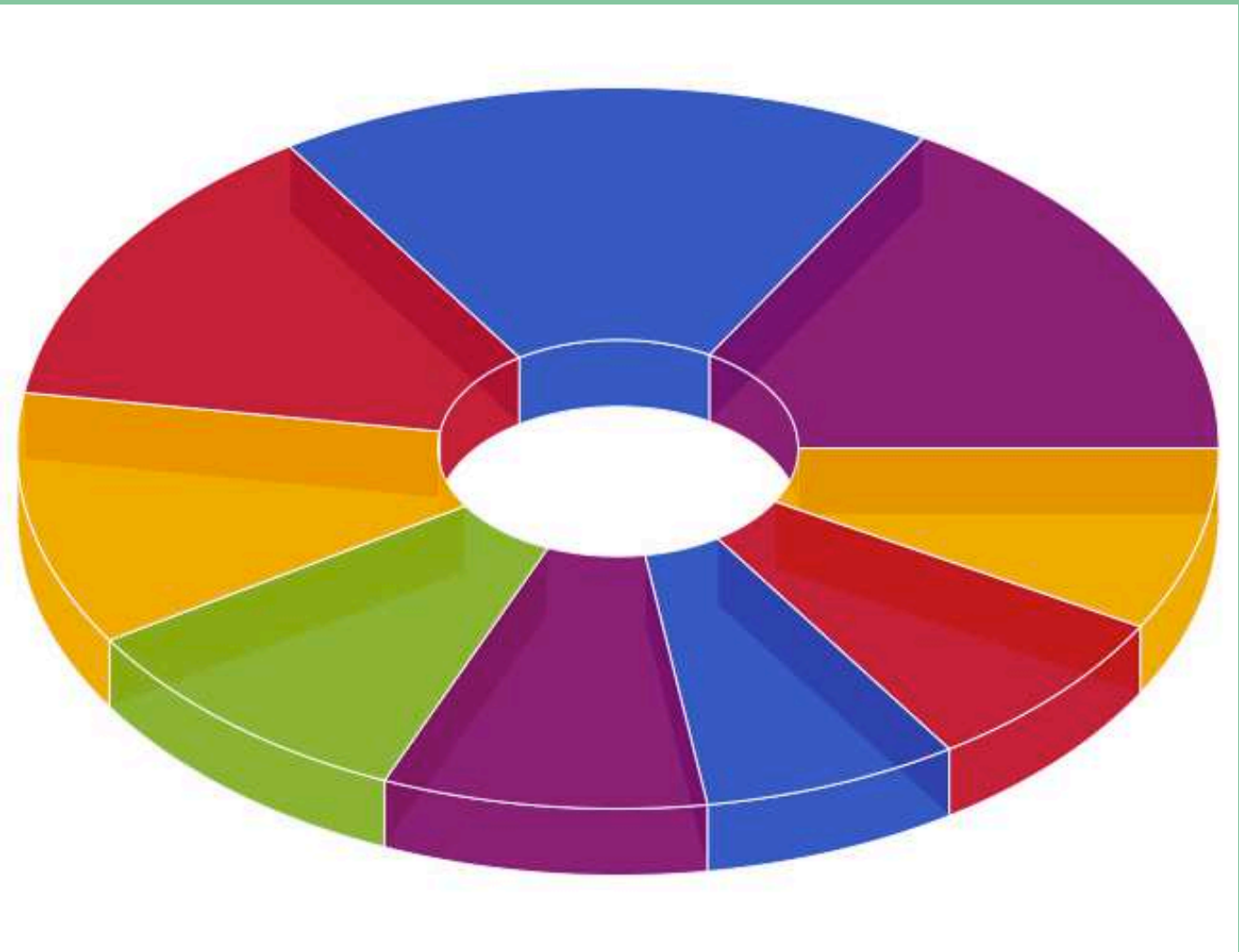
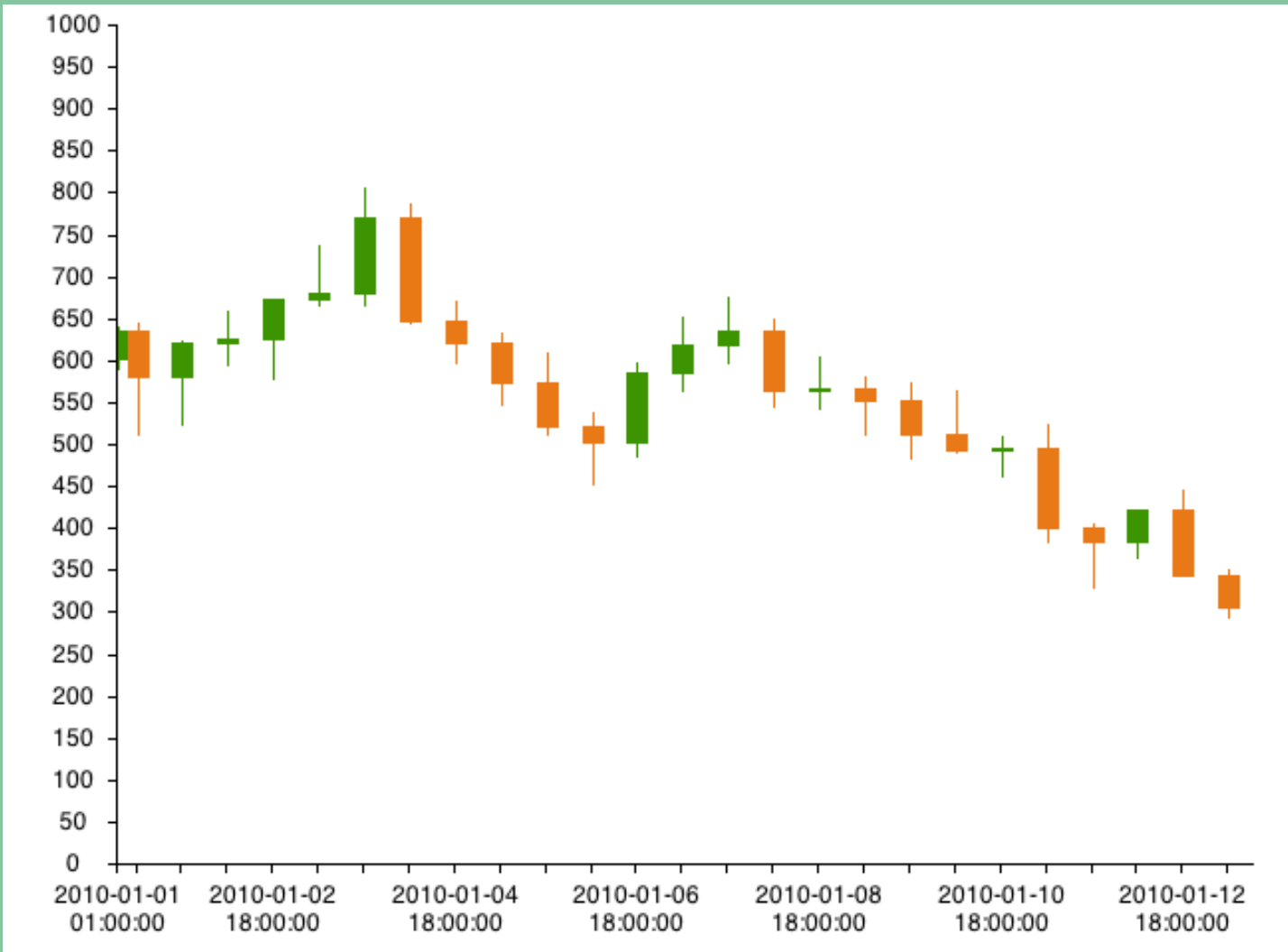
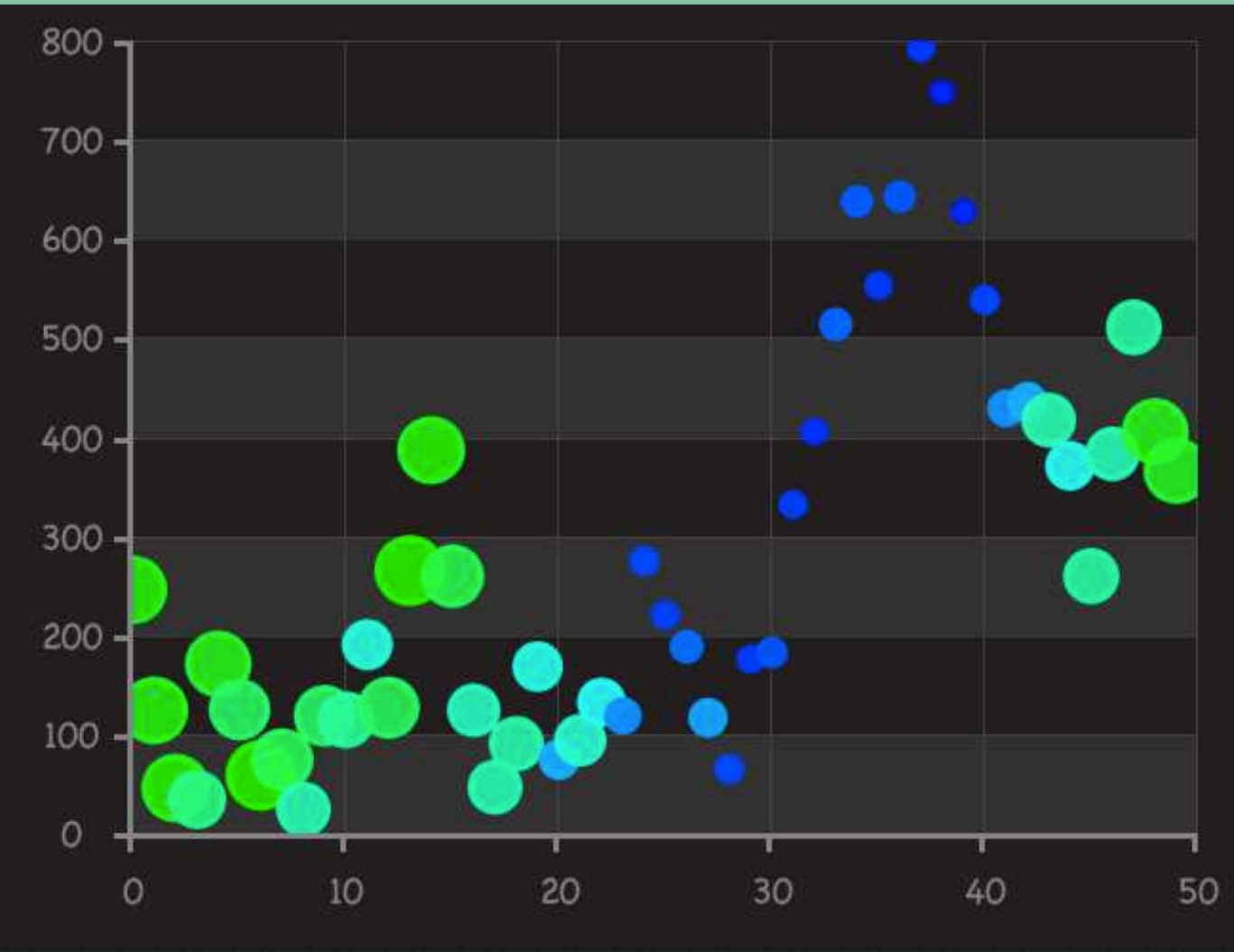
2013 STATEMENTS

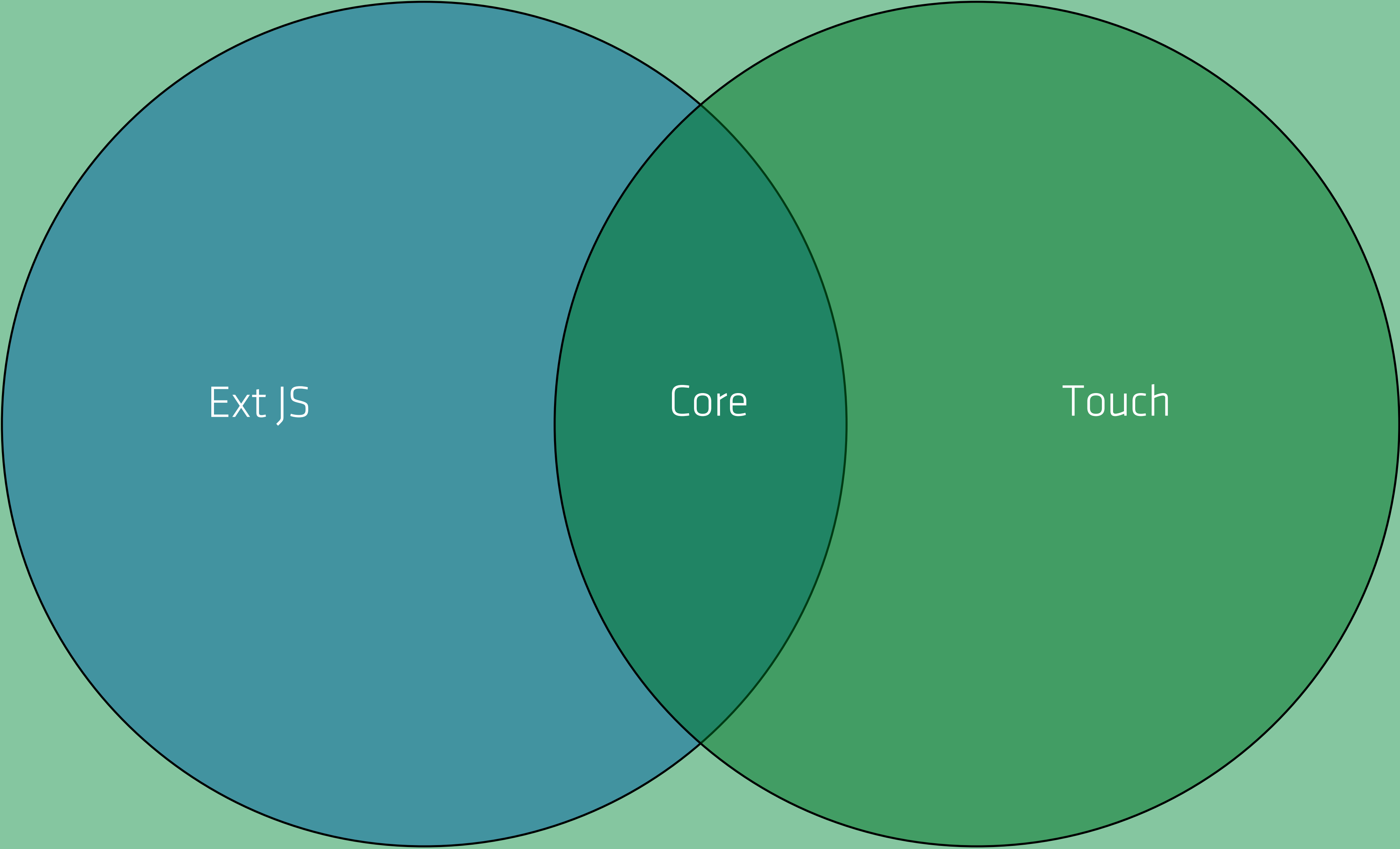


QUARTERLY STATEMENT 4 2013
Uploaded: DECEMBER 20, 2013



Touch-Optimized Charts







Resources



- Ext JS Kitchen Sink demo
- http://docs.sencha.com/extjs/5.0.0/whats_new/5.0/whats_new.html
- <http://www.sencha.com/blog/announcing-sencha-ext-js-5>
- <http://www.sencha.com/blog/delegated-events-and-gestures-in-ext-js-5/>



Q & A



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