

Thomson Reuters Investment Advisory User Experience Group

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Project

This project is a redesign initiative focusing on identifying, gathering ideas and improving user interface and interaction design patterns in order to solve specific design problems amd inconsistencies in the existing Thomson components with an eye towards making future enhancements for the new Thomson Reuters platform components.

Objective

- To identify common user interface and interaction design patterns that can be applied as future enhancements to the new Thomson Reuters platform.
- To provide new and improved ways of interacting with components.
- To apply the above to specific page types or "archetypes" of screens identified.

Target Audience

Not Applicable.

Target Platform

Thomson Reuters thin platform.

Approach

1. Masterpages of Page types

Identify types of screens based on a complete analysis across all components.

2. Interaction Types

Based on the interactions that apply to specific page types identify and categorize them as specific interaction types.

3. Wireframe content instances

Vet out interactions with content instances and wireframe.

Signoff
Development,
UEG Stakeholder,
Other Stakeholder,

Project Statement

Objectives and Approach

Referential Page Type

Referential pages allow users to work within a specific, defined set of data or results, without making any changes to the original set.

Referential content may be acted upon by engaging either referential filters or referential actions.

Referential Filters

Referential filters are used to view a specific, defined subset of the original set. Referential filters occur as either input and select fields for user-specified criteria (e.g., a mm/dd/yyyy date range) or as text links identifying default data subsets (e.g., Q3 2007, Q4 2007). Where contextually appropriate, both types may be used on the same page to allow users the ability to narrow down to a finely specified view of the original data set. Additionally, up to 3 levels of referential filters may be used.

Referential Actions

Referential actions are individual or batch actions that are applied to a single item or group of items within a data set without changing the original set. Referential Actions can be global or local

Examples of referential actions are *download*, *save*, and *view prices*.

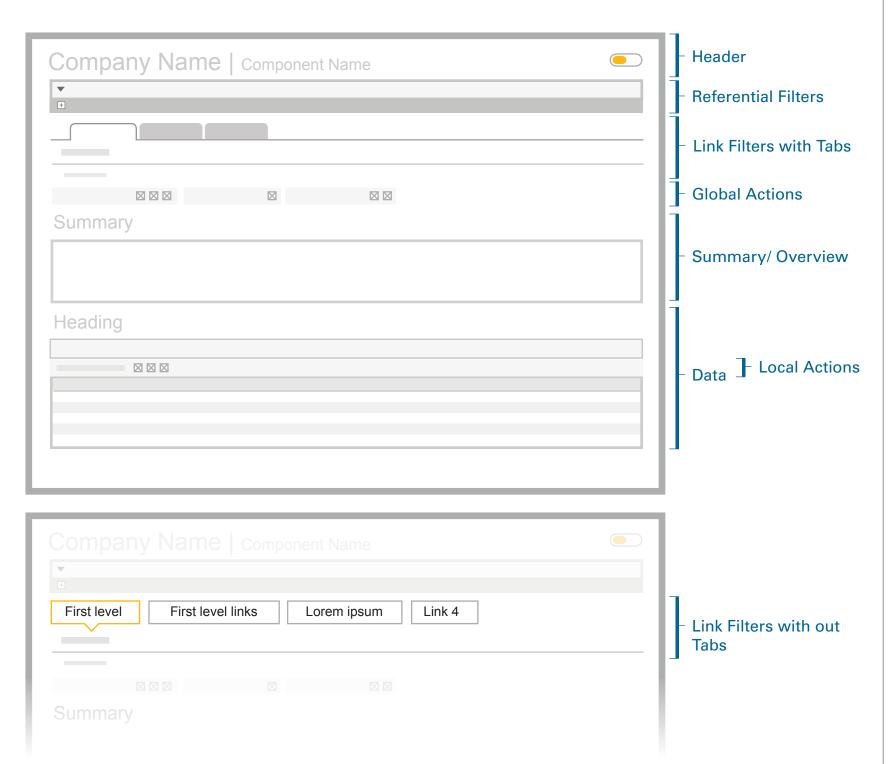
Link filters with tabs

Even though tabs are classified under "Link Filters", tabs should not be used for filtering through an "All" view but should be reserved to display either mutually exclusive content sets or information "facets".

When a filtering mechanism is needed rather than information facets, a different treatment without a tab construct should be used.

Link filters without tabs

Link filters displayed as linked text are rendered in forms other than tabs. Up to 3 levels of subset links may be used to allow users to drill down to a very specific subset of overall results. The top level filters may be rendered differently than lower levels as shown.



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Overview and Definitions

Referential Page Type

Interactive Page Type

The interactive page type is characterized by functional elements that act on a complete set of data or list of results. Interactive functional elements may be either interactive filters or interactive actions. These filters and actions either modify the results completely (Eg: Search pages) or permanently change the data set (Eg: Modifying portfolios or watchlists).

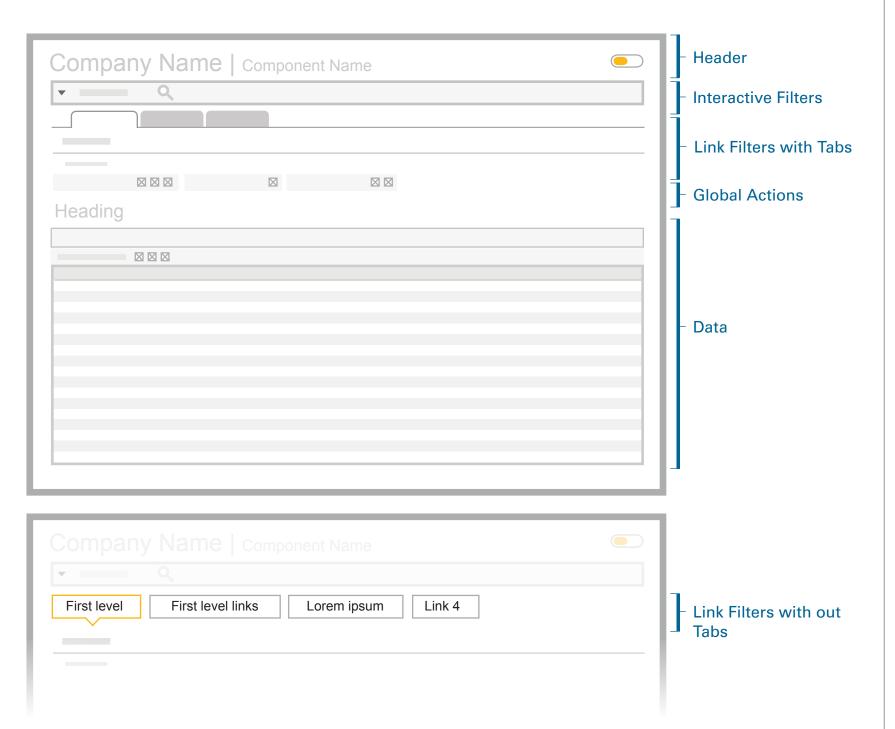
Interactive Filters

Interactive filters are used to change the highest level of relevant criteria, generating a completely new set of data or results. In regard to page hierarchy, these filters are most commonly placed near the top of the component space. Interactive filters may contain lookups, search, or other criteria inputs.

Interactive Actions

When applied to a current data or results set, interactive actions result in permanently changing the the existing set. Interactive actions most commonly appear below secondary filters, and where contextually appropriate may be visually grouped with the corresponding data. Interactive Actions can be global or local. Examples of interactive actions are add securities to portfolio list and delete securities from list.

NOTE: Interactive page types may also include referential elements.





Overview and Definitions

Interactive Page Type

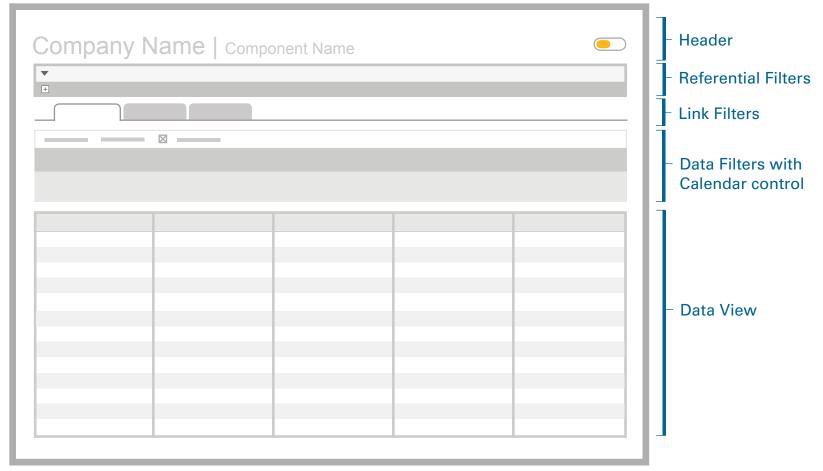
The calendar page type consists of an advanced calendar control that displays data with 3 types of views - Weekly, Daily and Detail List view showing detailed information (More data columns)

Daily and Weekly views have the basic information listing the type, name and number of events while a list view shows more data columns (Eg: ticker, guidance data, mean, other actions). The list view can be viewed by extending the daily view with more detailed information or .

Using tabs in place of other representations

Even though "weekly" and "daily" are used for filtering through an "All" view, a tab construct is used here to represent these views as information "facets".

NOTE: Calendar page types may also include referential elements.



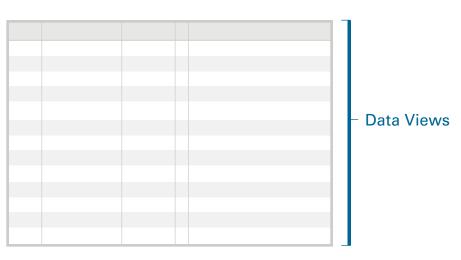
th ol

Overview and Definitions

Calendar Page Type

Mon Aug 5	Tue Aug 6	Wed Aug 7	Thu Aug 8	Fri Aug 9

am/pm Mon Aug 5



Weekly View (default is 'This week')

Daily View (default is 'Today')

Detail List View (more data columns)

Search Page Types

Search page types are characterized by functional elements that pull up a complete set of data or list of results upon searching and provide further filtering to refine the search results.

Simple or Advanced Search page

A simple search page consists of a few search options to work with while an advanced search page consists of several sections with search options.

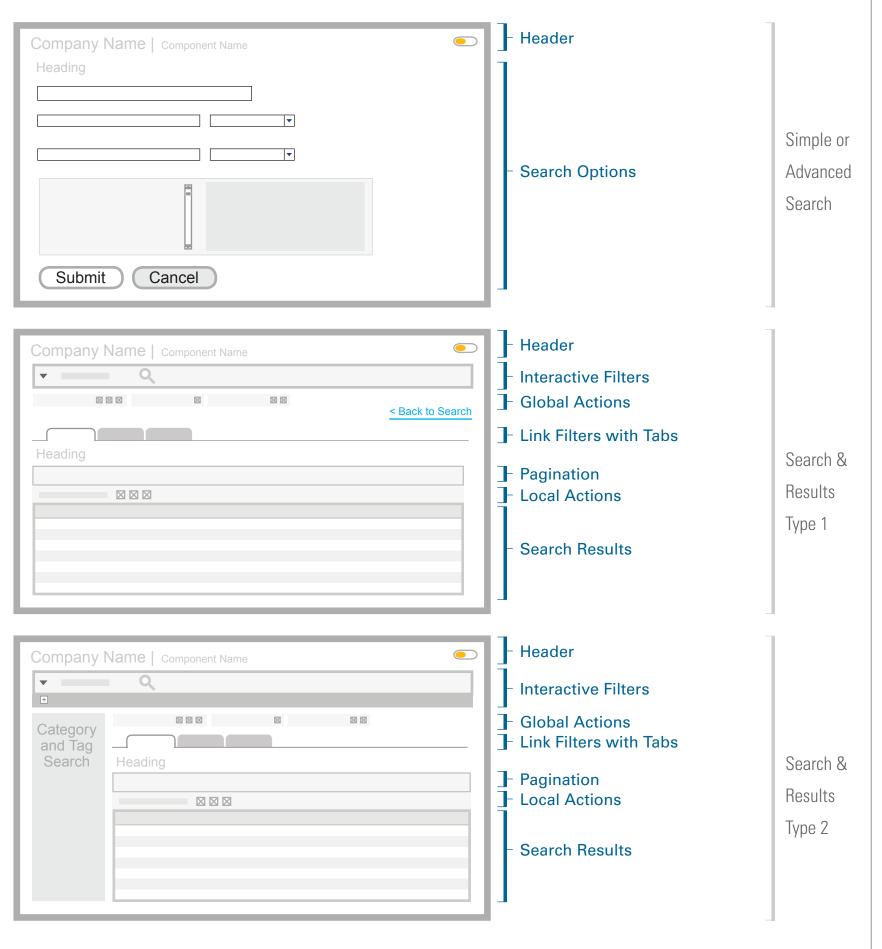
Search and Results

Search & Results page type consists of 2 types -

Type 1 is very similar to an interactive page type and is usually launched from the search page on submitting search criteria. Hence it has a 'Back to Search' navigation option if a user wants to get back and change search criteria. (Eg: Company Contacts Search)

Type 2 allows for extensive search filtering for searches involving categories and tags. (Eg: Research)

NOTE: Search page types may include interactive and referential elements.



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Overview and Definitions

Search Page Types

Exception

Text based detail pages that are displayed within pop ups may have other navigation options like tabs or links to explore further. (Eg: An event clicked from the list view opens a pop up with tab options such as Details, Brief, Transcript, etc.) In this case the pop up will need to be closed if the user wants to get back to the main page.

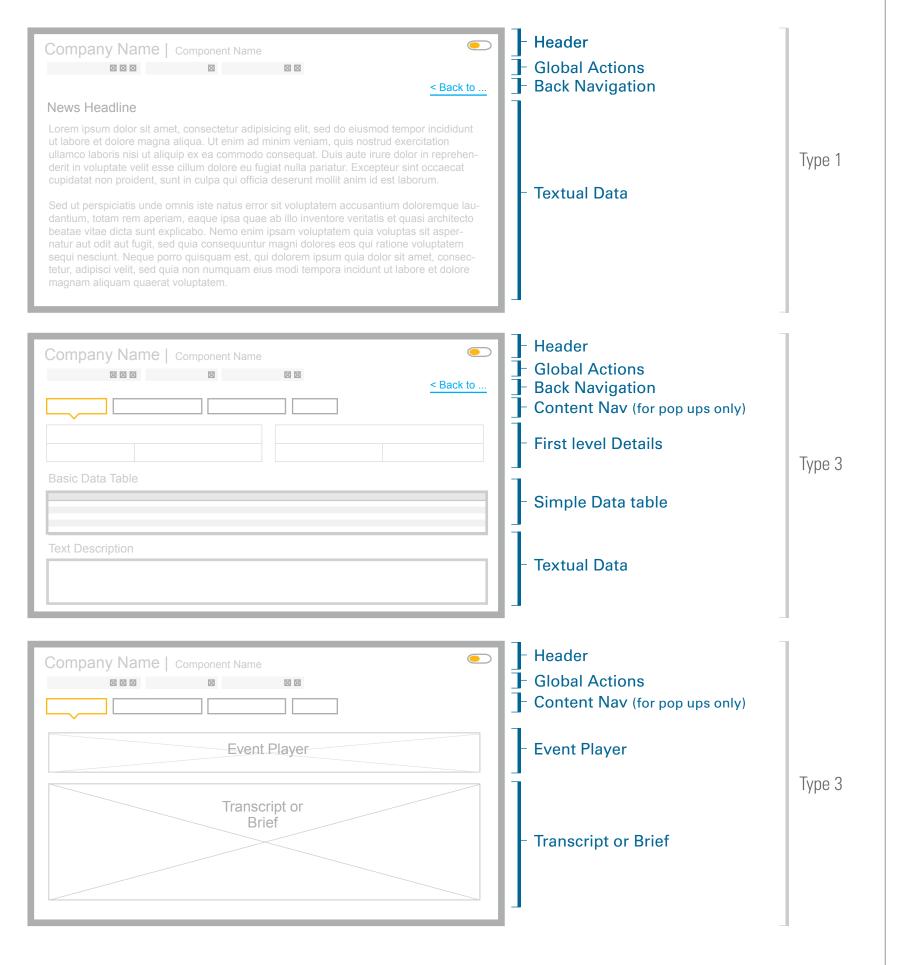
Text based detail pages can be classified into 3 main types -

Type 1 - to display a news story or other textual data clicked from a headline or topic.

Type 2 - to display some basic summary data in a simple grid and some textual descriptions. (Eg: Company Contact Pages)

Type 3 - to display transcripts and event details.

NOTE: Text based page types may also include referential elements.



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Overview and Definitions

Text based detail Page Types

Tearsheet and Overview Page Type

Tearsheet and Overview pages refer to one-page summaries and overviews of public companies.

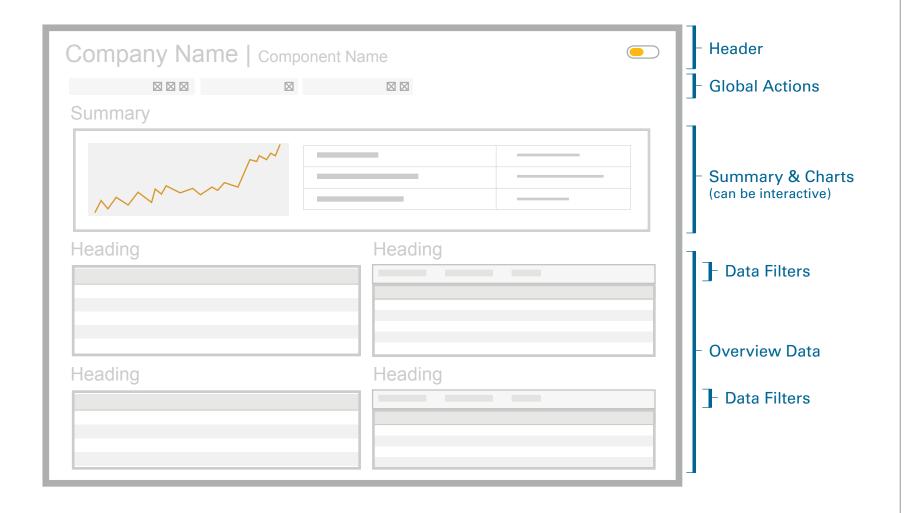
Tearsheet

A 'Tear sheet' is specifically a sheet report that provides up to date information about the status of various types of stocks. It provides a 'snapshot' of the business segments, recent operating results and key fundamental analysis metrics. Tearsheets usually don't have interactive elements or filters but just a view of static data that can be emailed or printed.

Overview

An 'Overview page' consists of modules of data about a company or a portfolio/ watchlist. These modules contain data such as financials, news, quotes, estimates mean, etc. The data from these modules can be used as a launch pad to view detailed content pages. (Eg: An estimates module in the overview page would launch more detailed company estimates)

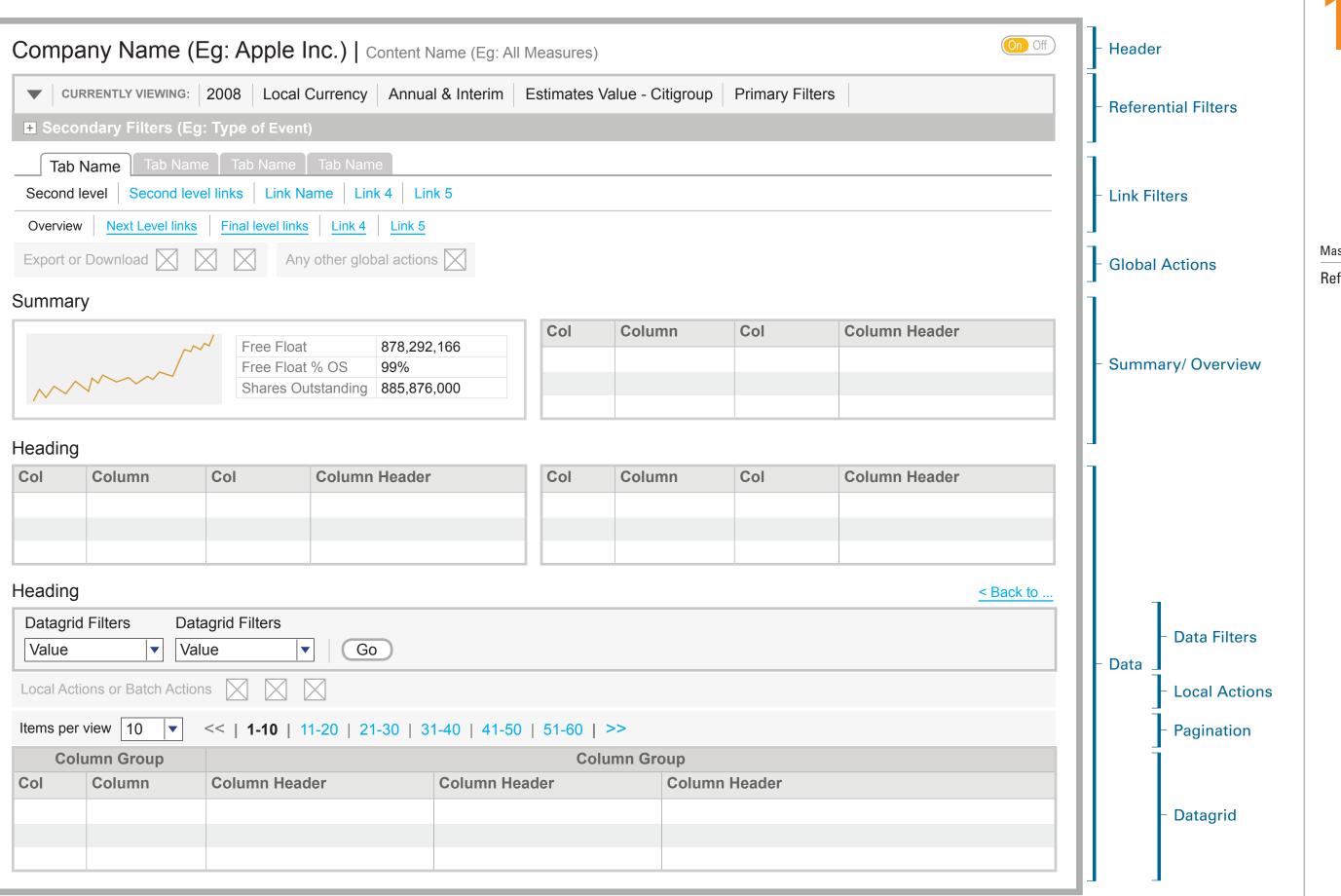
Interactive Elements - Data modules in overview pages may have simple data filters and interactive charts.



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Overview and Definitions

Tearsheet and Overview Page Type

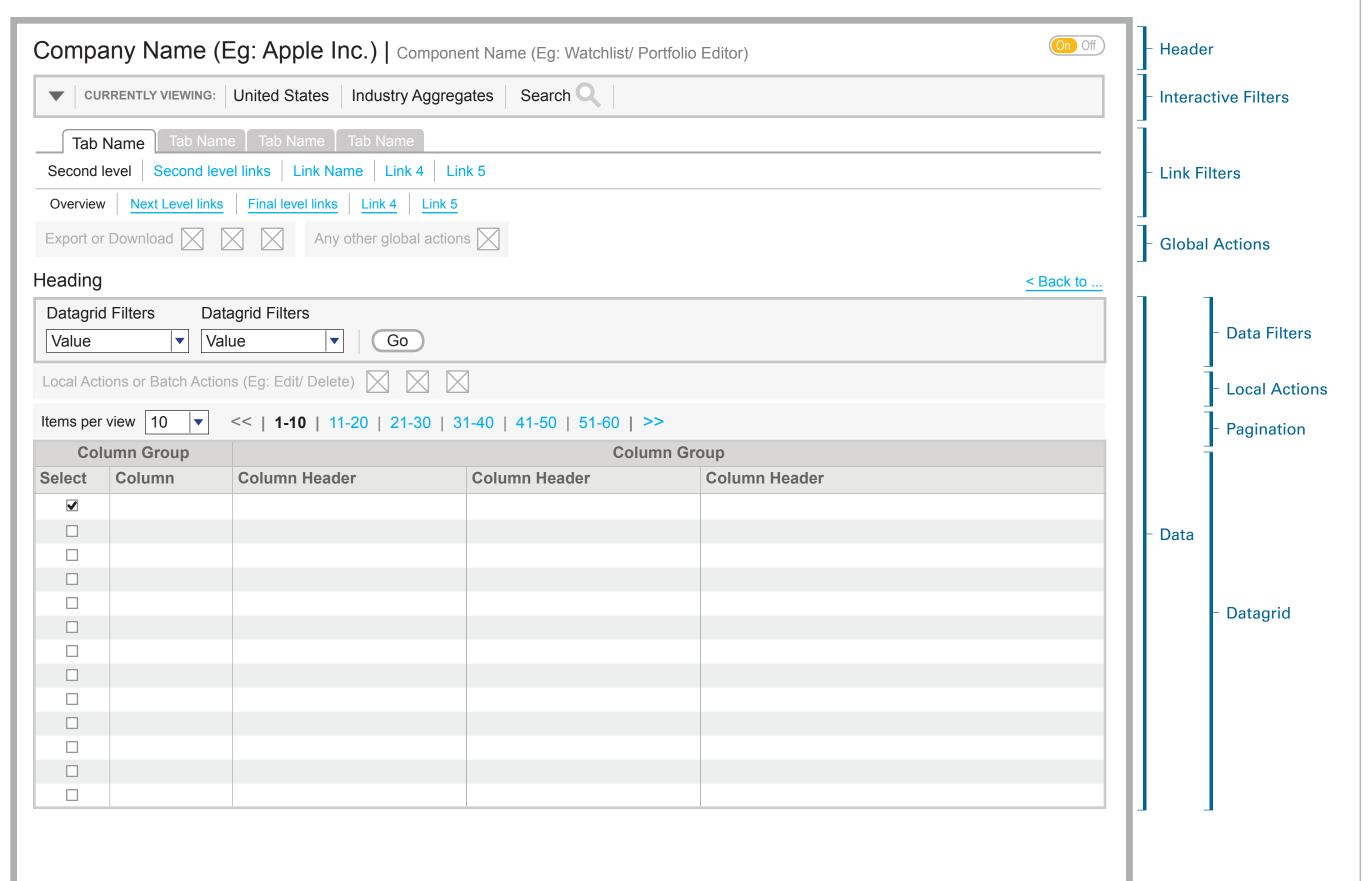


11

Master Pages

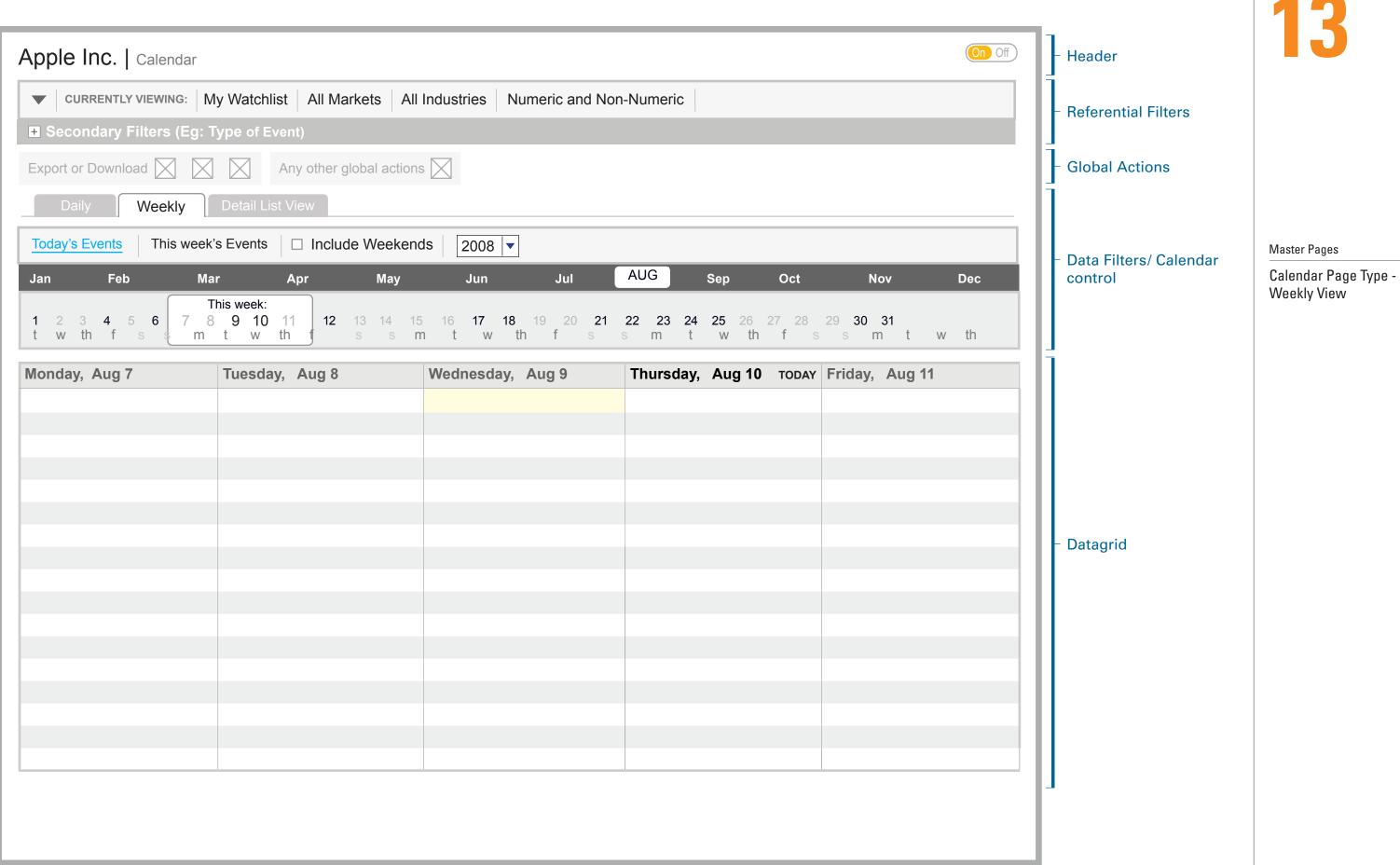
Referential Page Type

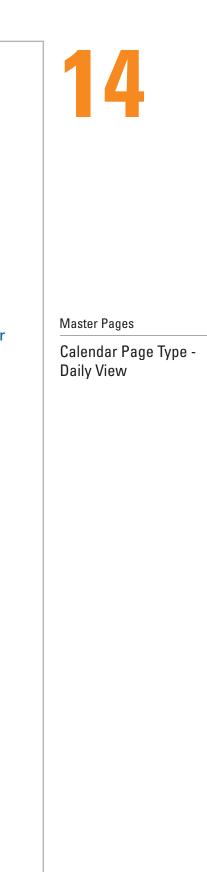


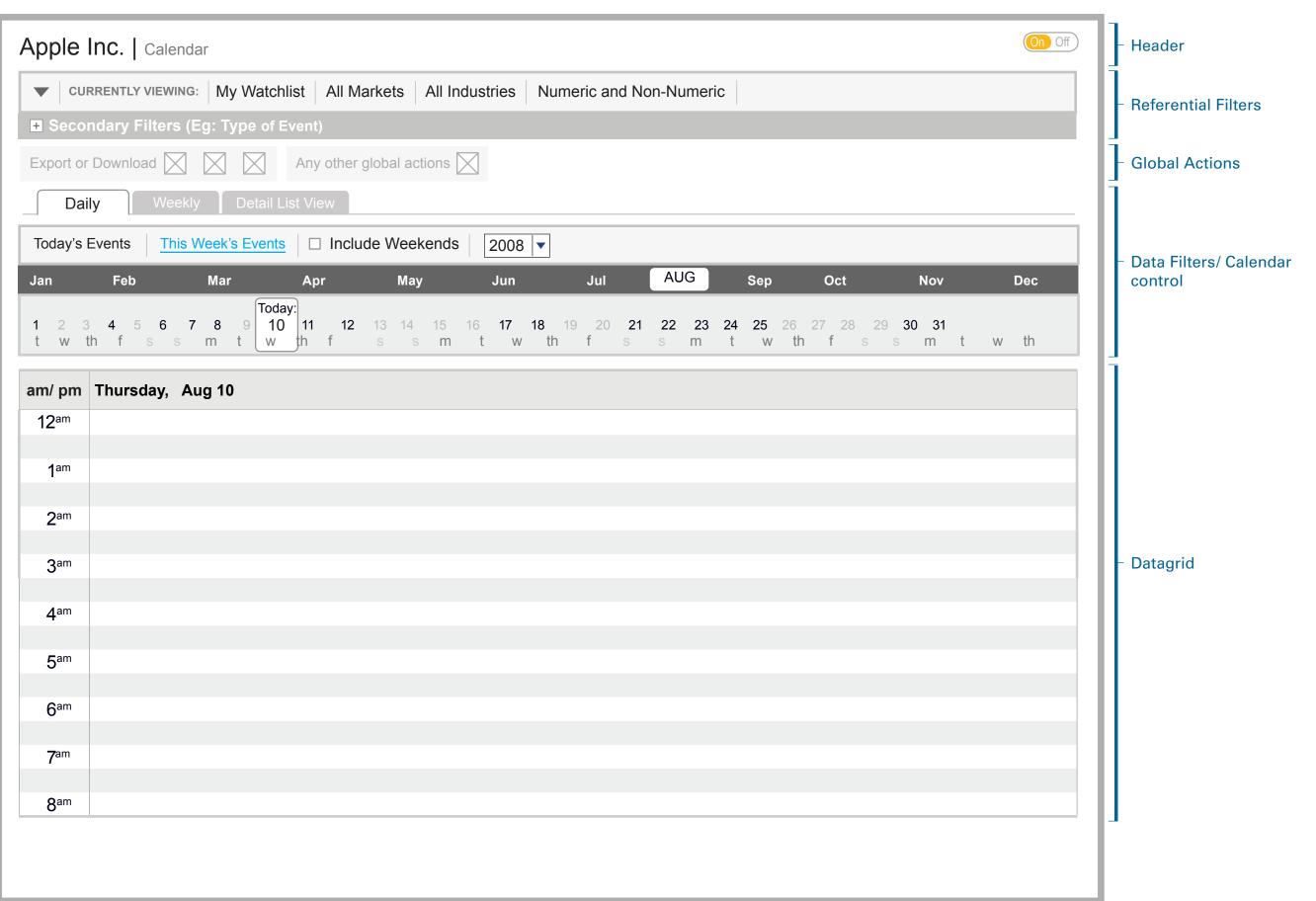


Master Pages

Interactive Page Type









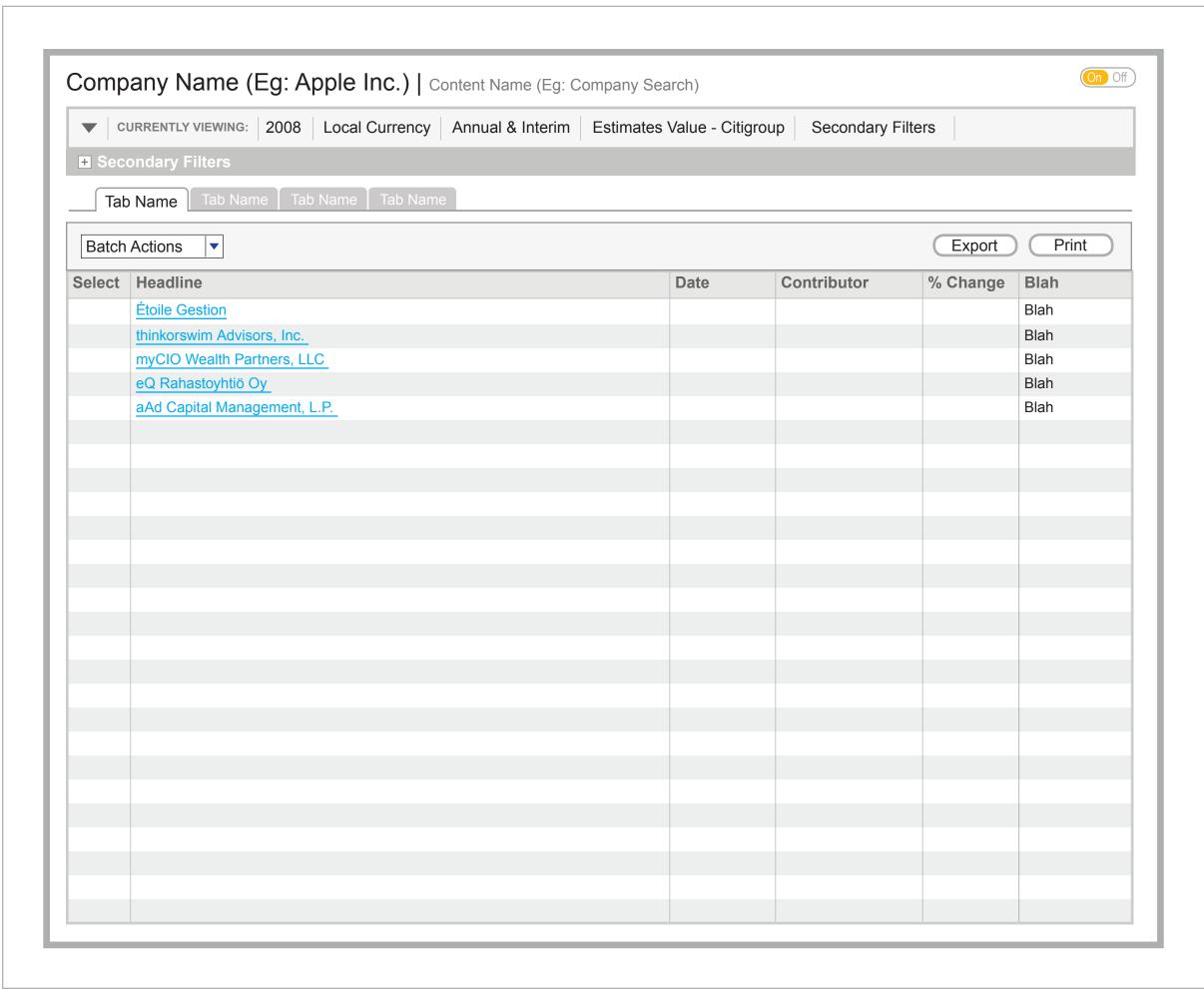
Apple Inc. Ca	alendar									On Off		- Header
CURRENTLY VIE	wing: My	Watchlist All	Markets All Ir	dustries Nu	meric and N	Ion-Numer	ric					- Referential Filters
Secondary Filter	ers (Eg: Typ	oe of Event)									Ш	
Export or Download		Any other	er global actions									- Global Actions
Daily	Weekly	Detail List Viev	W									
Today's Events	This Week's	Events	lude Weekends	2008							П	 Data Filters/ Calendar control
Jan Feb	Mar	Apr	Мау	Jun	Jul	AUG	Sep	Oct	Nov	Dec		
Date	Add	Event Type	Ticker				Event Nam	e			П	
08/09/08 - 08/09/08	3										П	
											П	
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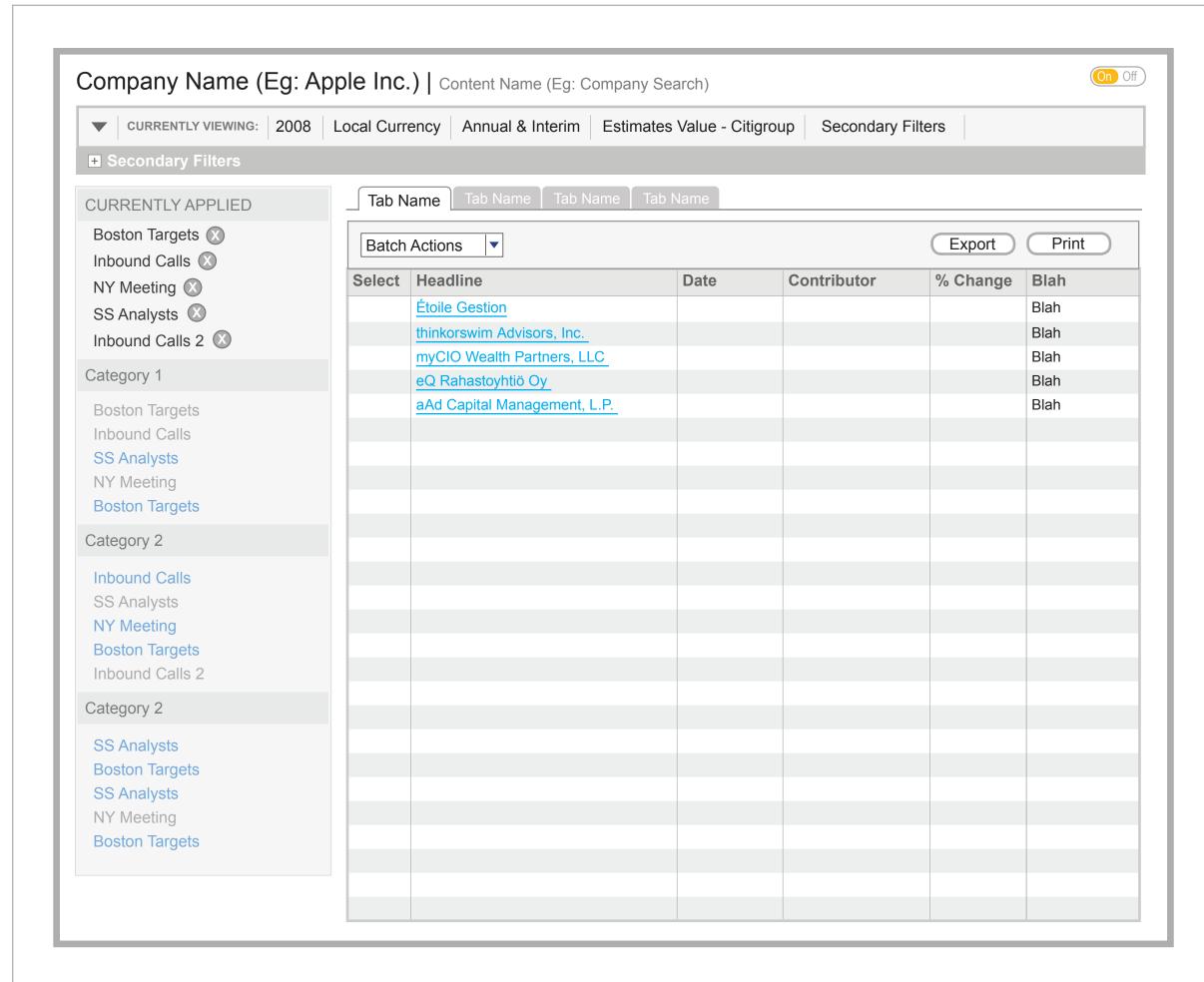
Master Pages

Calendar Page Type -Detail List View

Master Pages
Search - Simple or
Advanced

Search and Results Type 1





Master Pages

Text based details Type1

Header

< Back to Shareholder List

Company Name | Eg: All Shareholders Étoile Gestion

Portfolio Summary		
Fauity Assets	5 979 07	

Portiolio Summary	
Equity Assets	5,979.07
Investment Style	Core Growth
Equity Assets	\$20.0-49.9B
Investment Style	Active
Equity Assets	Investment Managers
Investment Style	Investment Advisor
Total Assets	Computer Hardware

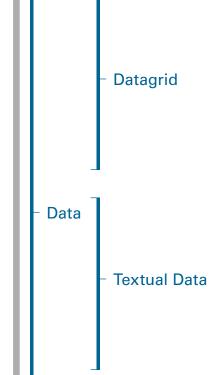
Contact Inform	nation			
Address	170 Place Henri-Regnault			
	La Défense			
	Paris, 92043			
	France			
Tel	33-1-324-354			
Fax	33-1-324-354			
Firm URL	www.etoile-gestion.com			

Key Contacts

Contact Name	Title	Phone	Email
Naudin, Jean-Charles	Head of Equity Investments	33-1-324-354	jeancharles@etoile.com
Bellman, Catherine	Portoflio Manager	33-1-324-354	bellmanc@etoile.com
Cassé, Olivier	Portoflio Manager	33-1-324-354	olivercasse@etoile.com

General Investment Approach

For active management, Étoile Gestion employs a dual approach to the investment process. The firm begins with a top-down approach, concentrating on sectoral research, as opposed to regional research. This is followed by a bottom-up approach to sector and stock selection, seeking out undervalued companies with potential in over-weighted sectors. For passive management, the firm uses varied indexing methodologies offering optimized portfolios and portfolios that reflect the benchmark closely. Étoile Gestion invests primarily, though not exclusively, in European and U.S. stocks. The typical average investment horizon time is five years. Decision Making Process: The firm makes use of in-house research generated by their analysts, and also relies on reports from external brokerage houses. The firm's overall investment strategy is determined by a monthly meeting of investment managers.



Summary/ Overview

On Off

Eg: News Headline

< Back to Headlines List

Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

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Heade

Sub Header

Master Pages

Text based details Type 2

News Story or Textual Data

Company Name Eg: Events	Header
Export or Download X Any other global actions X	_
Tab Name Tab Name Tab Name Tab Name	Content Tabs (for pop ups only)
Event Name	(for pop ups only)
Event Player	
	- Header
 Heading Marge Wyrwas - Knight Capital Group - Senior Managing Dir., Communications, Marketing & IR Thomas Joyce - Knight Capital Group - Chairman, CEO Steven Bisgay - Knight Capital Group - CFO Heading	
Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.	
Heading	ll .
Sed ut perspiciatis unde omnis iste natus error sit voluptatem accusantium doloremque laudantium, totam rem aperiam, eaque ipsa quae ab illo inventore veritatis et quasi architecto beatae vitae dicta sunt explicabo. Nemo enim ipsam voluptatem quia voluptas sit aspernatur aut odit aut fugit, sed quia consequuntur magni dolores eos qui ratione voluptatem sequi nesciunt. Neque porro quisquam est, qui dolorem ipsum quia dolor sit amet, consectetur, adipisci velit, sed quia non numquam eius modi tempora incidunt ut labore et dolore magnam aliquam quaerat voluptatem. Ut enim ad minima veniam, quis nostrum exercitationem ullam corporis suscipit laboriosam, nisi ut aliquid ex ea commodi consequatur? Quis autem vel eum iure reprehenderit qui in ea voluptate velit esse quam nihil molestiae consequatur, vel illum qui dolorem eum fugiat quo voluptas nulla pariatur.	- Textual Data

Dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Heading

Master Pages

Text based details Type 3

Comp	any Name	(Eg: Apple	e Inc.) Component	Nane (Eg:	Company Overvie	w)		On Off	- Header
Export o	r Download		Any other global actions	\boxtimes					- Global Actions
Heading)				Heading				
~~			oat 878,292,16 oat % OS 99% Outstanding 885,876,00		Col Colu	umn Col	Column Header		- Summary& Charts (Can be interactive)
Heading)			<u>Link</u>	Heading			Link	
Col	Column	Col	Column Header		Col Colu	ımn Col	Column Header		
Heading	1			Link	Heading			Link	
Col	Column	Col	Column Header	<u>Lim</u>	Datagrid Filter Value	rs Datagrid Filt ▼ Value	ters Go	LITIK	- Data Filters
					Col Colu	umn Col	Column Header		
									- Overview Data
Heading)			Link	Heading			<u>Link</u>	ll .
Col	Column	Col	Column Header		Datagrid Filter Value Col Colu	Value	ters		- Data Filters

Master Pages

Tearsheet and Overview





Ownership (Referential)



									=	- Global Actions
Export	or Download									Global Actions
Most R	ecent								-	
Macro	Technology		Free Float	878,292,1	66	Filing Status:	Current Period	1.02%		C
Mid	High Tech Ha	ardware	Free Float % OS 99%		06		06/30/08	71.11%		Summary/ Overview
Micro	Computer Ha	ardware	Shares Outstanding	885,876,00	00		03/31/08 9.61%			
Col	Column	Col	Column Header		Datagrid Filters Value Value ✓ Value ✓ Go				- Data Filters	
					Value	▼ Va	Col	Go Column Header		J Data Filters
Headin	g									
C	olumn Group				Col	umn Group				

UK Raw Nominee

Column Header

UK Raw Beneficial

Column Header

Apple Inc. | Ownership Summary

Insider Summary

Column Header

Insider Transactions

Funds

Col

Column

Interactions:

- On/Off toggleLink Filters

Datagrids

Data Filters



- Header

Pagination

Local Actions

- Datagrid

Content Instances

Ownership (Referential)

Interactions:

- On/Off toggle
 Pagination Slider
 Datagrid Advanced View Options
 Datagrid Column view editing and reordering
- Datagrid Column Resizing

Apple	Apple Inc. All Shareholders								
1923	1923 Items Items per view 50 ▼								
Local A	actions or Batch Actions (Eg: Edit/	Delete)					1	Advanced View	Options
# of Items	Investor Name	Current Position	% OS	Pos Change	% Change	Val (\$MM)	Val Chg (\$MM)	Style	* 5 more col- umns
1	Étoile Gestion	0	0.00	-18,276	-100	0.00	0.00	Core Growth	Blah
2	thinkors h Advisors, Inc.	802	0.00	0	0.00	0.12	0.12	Hedge Fund	Blah
	myClO Wealth Partners, LLC	835	0.00	-234	-34.98	0.98	-0.98	Core Value	Blah
4	eQ Rahastoyhtiö Oy	8,356	0.00	9	0.09	0.09	0.09	GARP	Blah
5	aAd Capital Management, L.P.	64,998	0.01	-71,076	-72.76	1.76	-1.76	Hedge Fund	Blah



Étoile Gestion < Back to Shareholder List

Portfolio Summary	
Equity Assets	5,979.07
Investment Style	Core Growth
Equity Assets	\$20.0-49.9B
Investment Style	Active
Equity Assets	Investment Managers
Investment Style	Investment Advisor
Total Assets	Computer Hardware

Contact Information						
Address	170 Place Henri-Regnault					
	La Défense					
	Paris, 92043					
	France					
Tel	33-1-324-354					
Fax	33-1-324-354					
Firm URL	www.etoile-gestion.com					

Summary/ Overview

Key Contacts

Contact Name	Title	Phone	Email
Naudin, Jean-Charles	Head of Equity Investments	33-1-324-354	jeancharles@etoile.com
Bellman, Catherine	Portoflio Manager	33-1-324-354	bellmanc@etoile.com
Cassé, Olivier	Portoflio Manager	33-1-324-354	olivercasse@etoile.com

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Content Instances

Ownership (Text based details)

– Textual Data

Data

Datagrid

Interactions:

• On/Off toggle



Header

Data

Global Actions

Content Instances

Guidance (Referential)

- On/Off toggle
- Input/Select Filters
- Datagrid Cell Selection
- Datagrid Row Header
- Datagrid Link Detail
- Modal Overlay



Apple Inc. | Guidance - All Measures Summary

▼ CURRENTLY VIEWING: 2008 All Segments GAAP Numeric and Non-Numeric

Download to Excel Print Print

Important Notices

Normal text. Adiamconulla facilit praesed magnibh ea faccum quis dignim do od et, consequam veliquatue cons non velisl inciliquisi.

Segment/ Category/ Measure	Units	Q1 Dec 07	Q2 Mar 08	Q3 June 08	Q4 Sep 08	FY Sep 08
Consolidated						
Income Statement						
Revenue	\$mlns	9,200	Δ 29.0%	<u>7,200.0</u>	<u>7,800.0</u>	32,200.0
Revenue Cos goods sold	\$mlns	9,200	9,200	9,200	9,200	9,200
Gross Profit	% of Sales	<u>T</u>	<u>T</u>	<u>T</u>	<u>T</u>	<u>T</u>
iPod						
Income Statement						
Revenue	\$mlns	9,200	29.0%	<u>7,200.0</u>	<u>7,800.0</u>	32,200.0
Cost of goods sold	\$mlns	9,200	9,200	<u>9,200</u>	<u>9,200</u>	9,200
Gross Profit	% of Sales	Ţ	Ī	Ţ	<u>T</u>	Ţ

Guidance Legend

T Non-Numeric guidance

d Derived Value

CURRENTLY VIEWING: 200	8 All Segments	GAAP Numeric	and Non-Numeric			
Fiscal Year Cor	mpany Segment	Accounting	Guidano	е Туре		
2008 ▼ All	Segments	GAAP	Numerio	and Non-Numeric	▼	
Submit Cancel						
Segment/ Category/ Measure	e Units	Q1 Dec 07	Q2 Mar 08	Q3 June 08	Q4 Sep 08	FY Sep 08
Consolidated						
ncome Statement						
Revenue	\$mlns	9,200	Δ 29.0%	7,200.0	7,800.0	32,200
	\$mlns	9,200	9,200	9,200	9,200	9,20
	% of Sales	T	Т	T	<u></u>	
Pod						
ncome Statement						
	\$mlns		29.0%	7,200.0	7,800.0	
	\$mlns	9,200	9,200	9,200	9,200	9,2
	% of Sales					
Guidance Legend						

Content Instances

Guidance (Referential)

Interactions:

- On/Off toggleInput/Select FiltersDatagrid Cell
- Selection
 Datagrid Row Header
- Datagrid Link Detail
- Modal Overlay





Guidance (Referential)

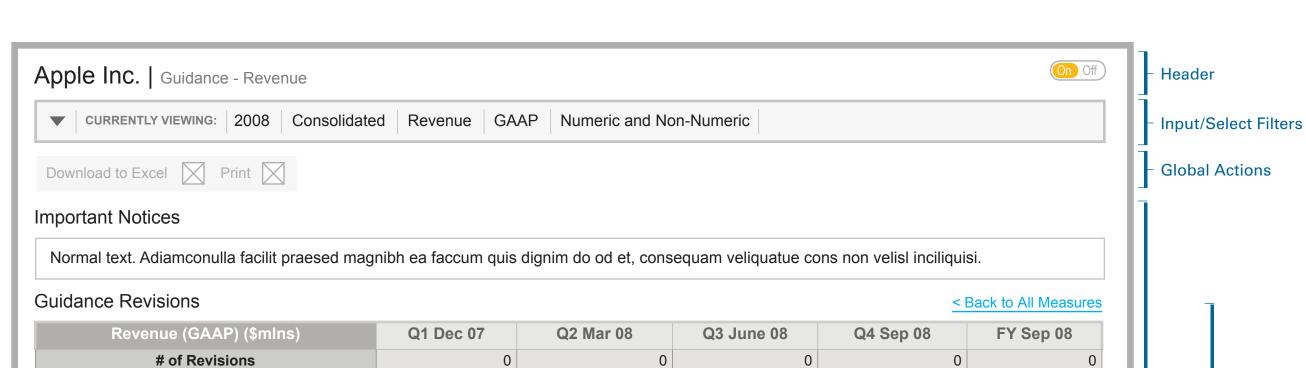
Interactions:

Datagrid

Data

- On/Off toggle
- Primary Referential
 Filters
- Datagrid Cell Selection
- Datagrid Row Header
- Datagrid Link DetailModal Overlay





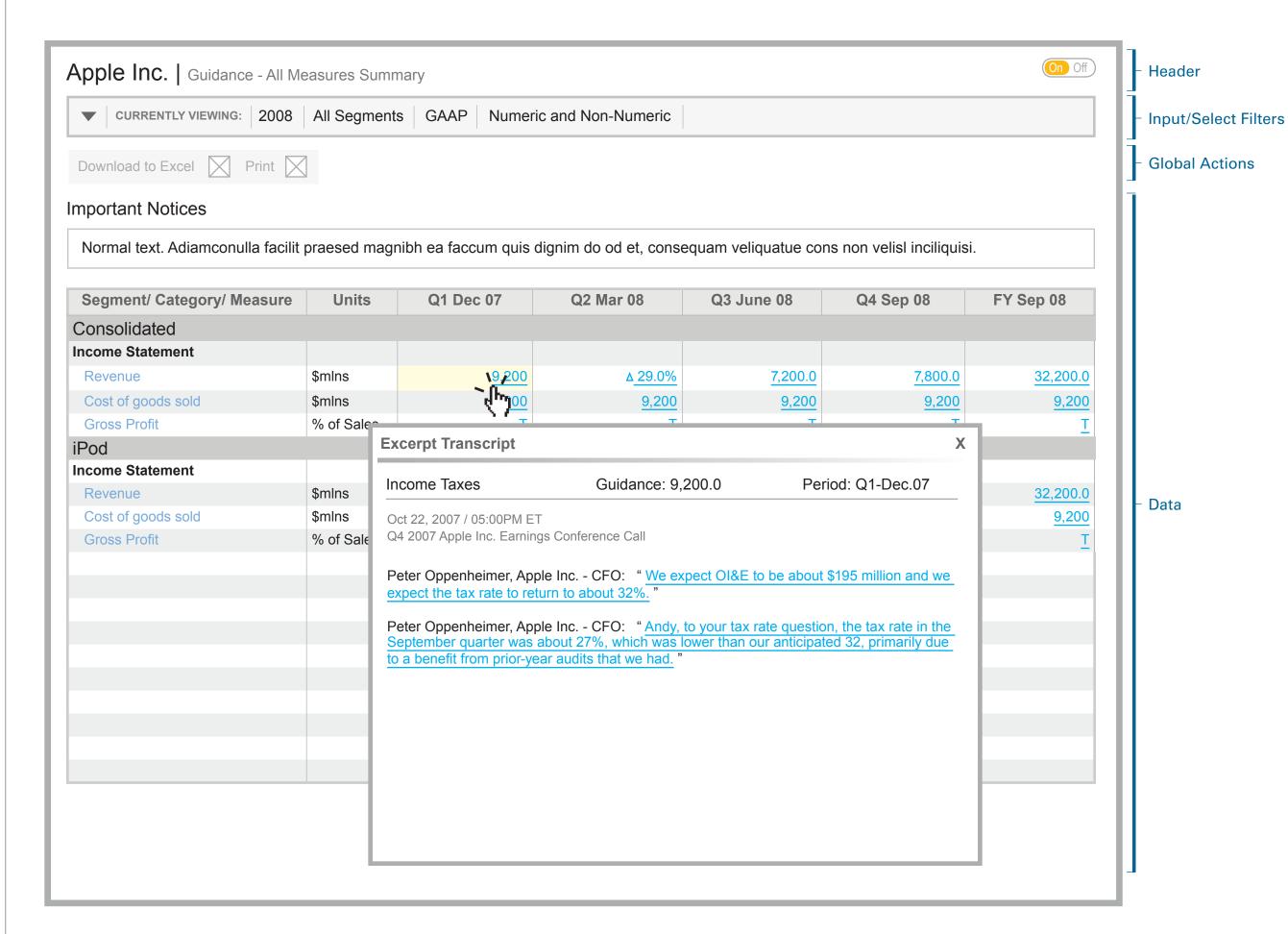
06/23/08 32,200.0 9,200 Δ 29.0% 7,200.0 7,800.0 06/23/08 9,200 9,200 9,200 9,200 9,200 06/23/08 06/23/08 06/23/08 06/23/08 06/23/08

Guidance Summary

Revenue (GAAP) (\$mIns)	Q1 Dec 07	Q2 Mar 08	Q3 June 08	Q4 Sep 08	FY Sep 08
# of Revisions	0	0	0	0	0
2009	9,200	Δ 29.0%	<u>7,200.0</u>	7,800.0	32,200.0
2008	9,200	9,200	9,200	9,200	9,200
2007	<u>T</u>	Ī	<u>T</u>	<u>I</u>	Ţ
2006					

Guidance Legend

Τ	Non-Numeric guidance	Δ	Change from prior period	d	Derived	Value

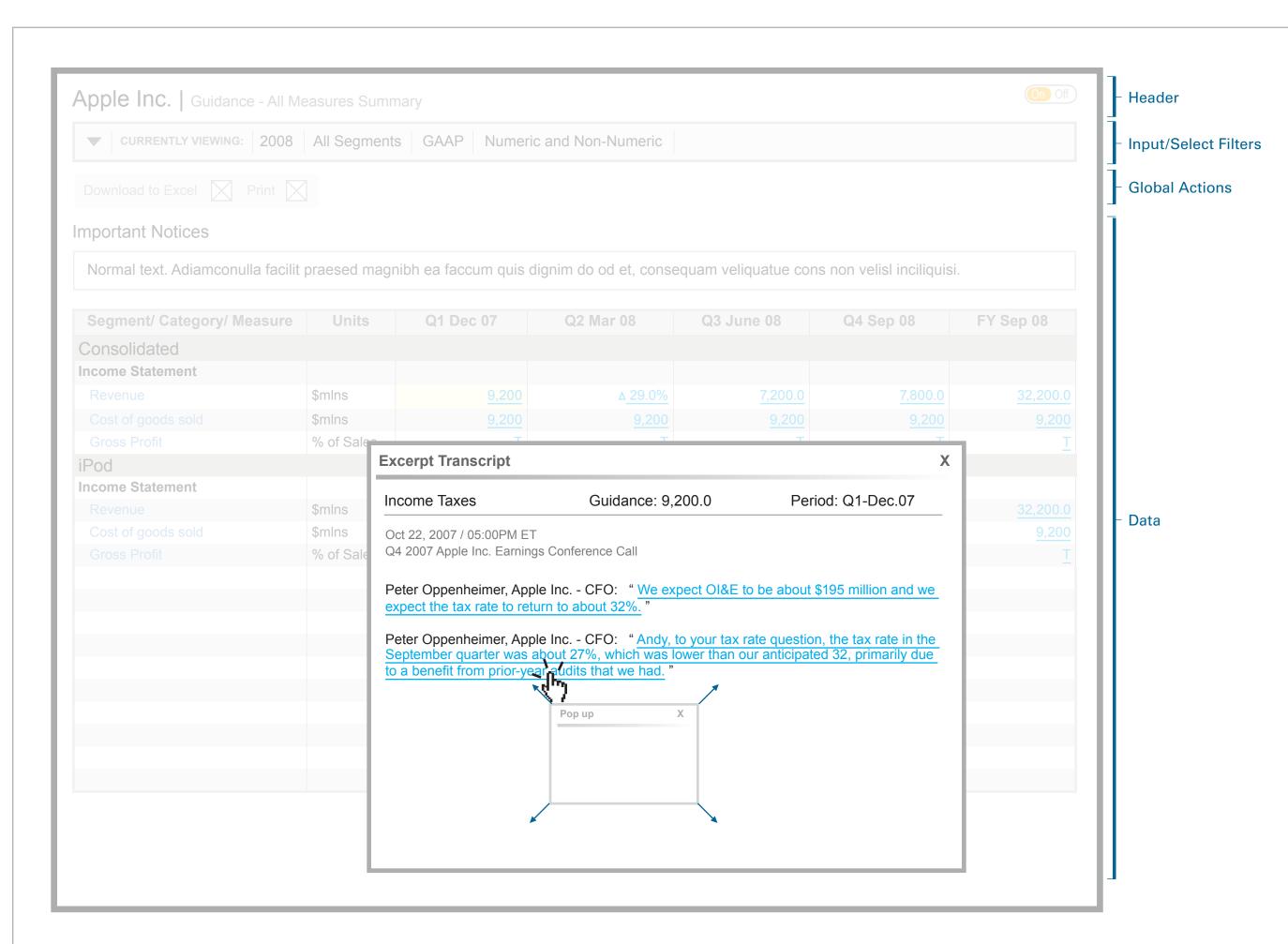


Content Instances

Guidance (Referential)

Interactions:

- On/Off toggle
- Primary Referential
 Filters
- Datagrid Cell Selection
- Datagrid Row Header
- Datagrid Link Detail
- Modal Overlay
- Pop up



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Content Instances

Guidance (Referential)

Interactions:

- On/Off toggle
- Primary Referential Filters
- Datagrid Cell Selection
- Datagrid Row Header
- Datagrid Link Detail
- Modal Overlay
- Pop up





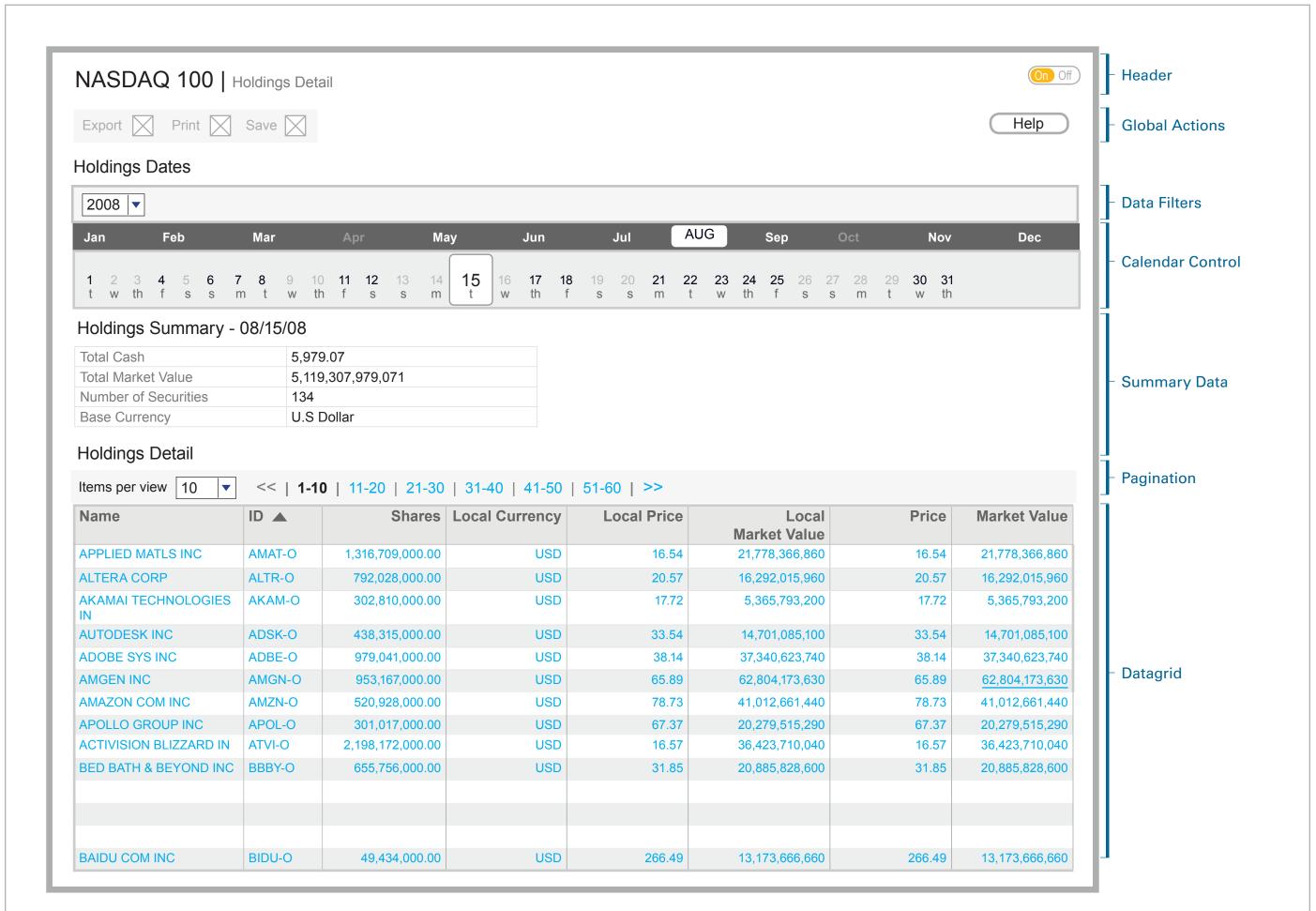
Holdings (Referential)

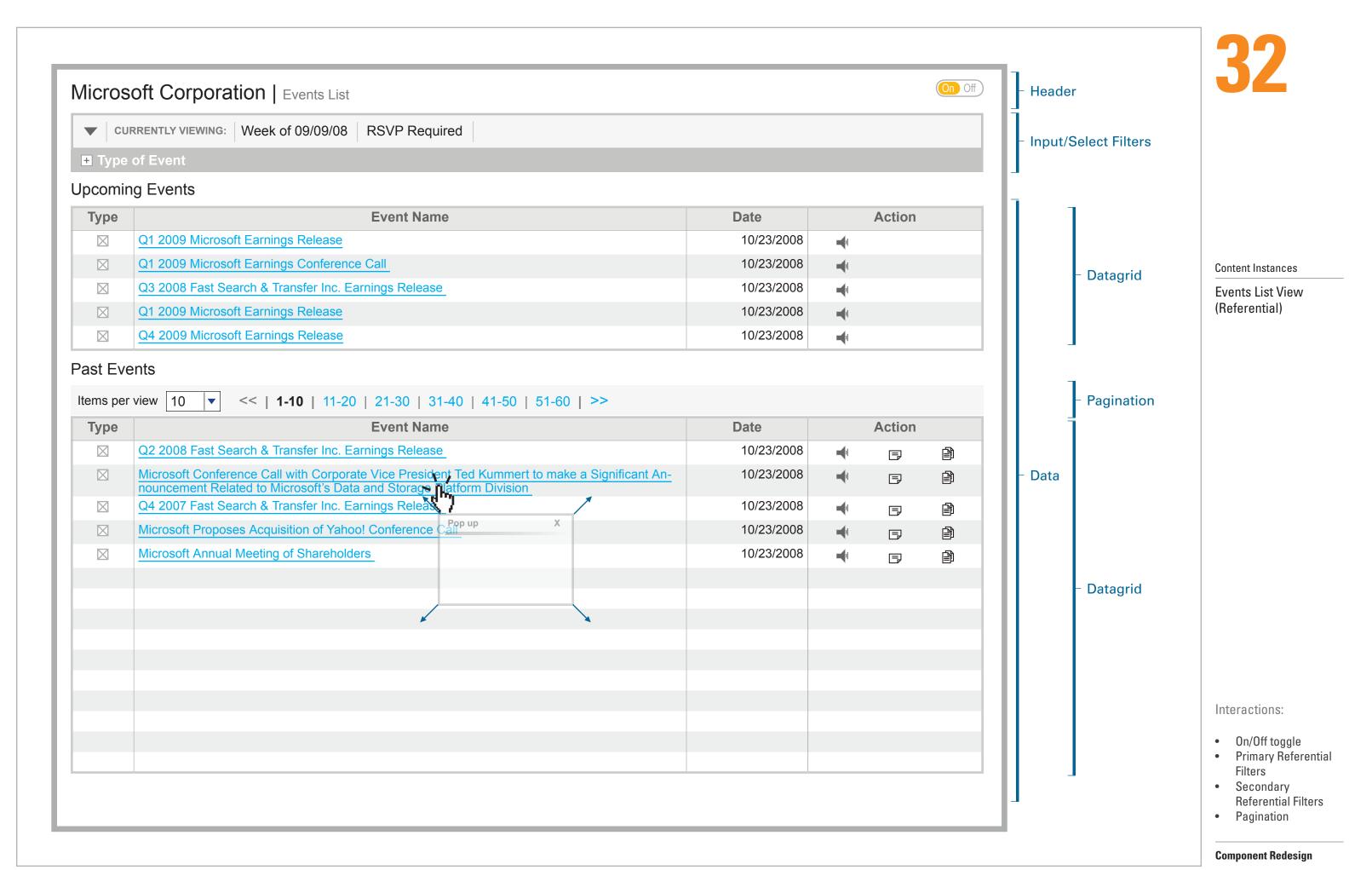


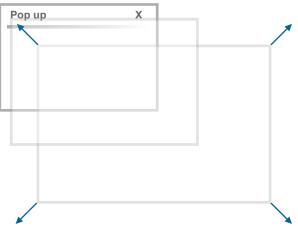
Interactions:

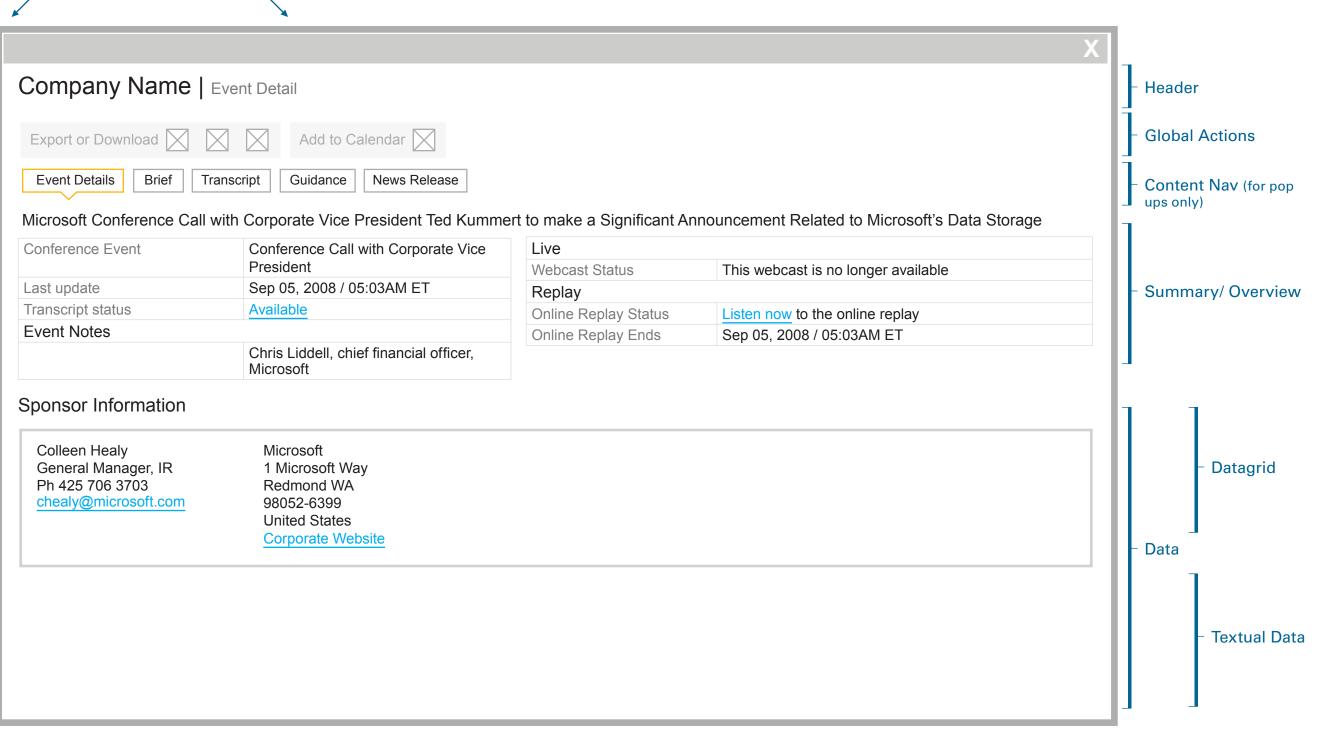
- On/Off toggle
- Pagination
- Data Filters
- Calendar Control











Content Instances

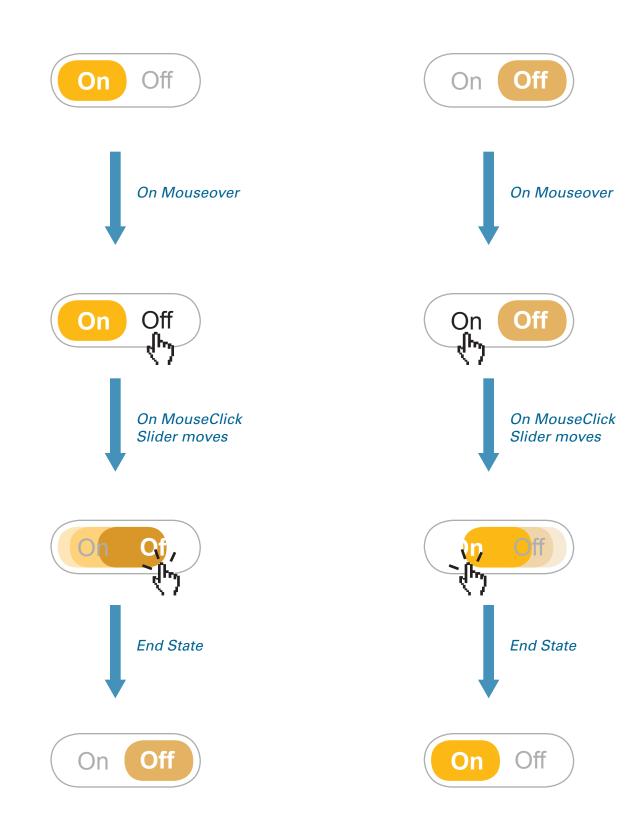
Events Detail (Text based details)

Interaction Types

Toggle

Event Listener - On/Off

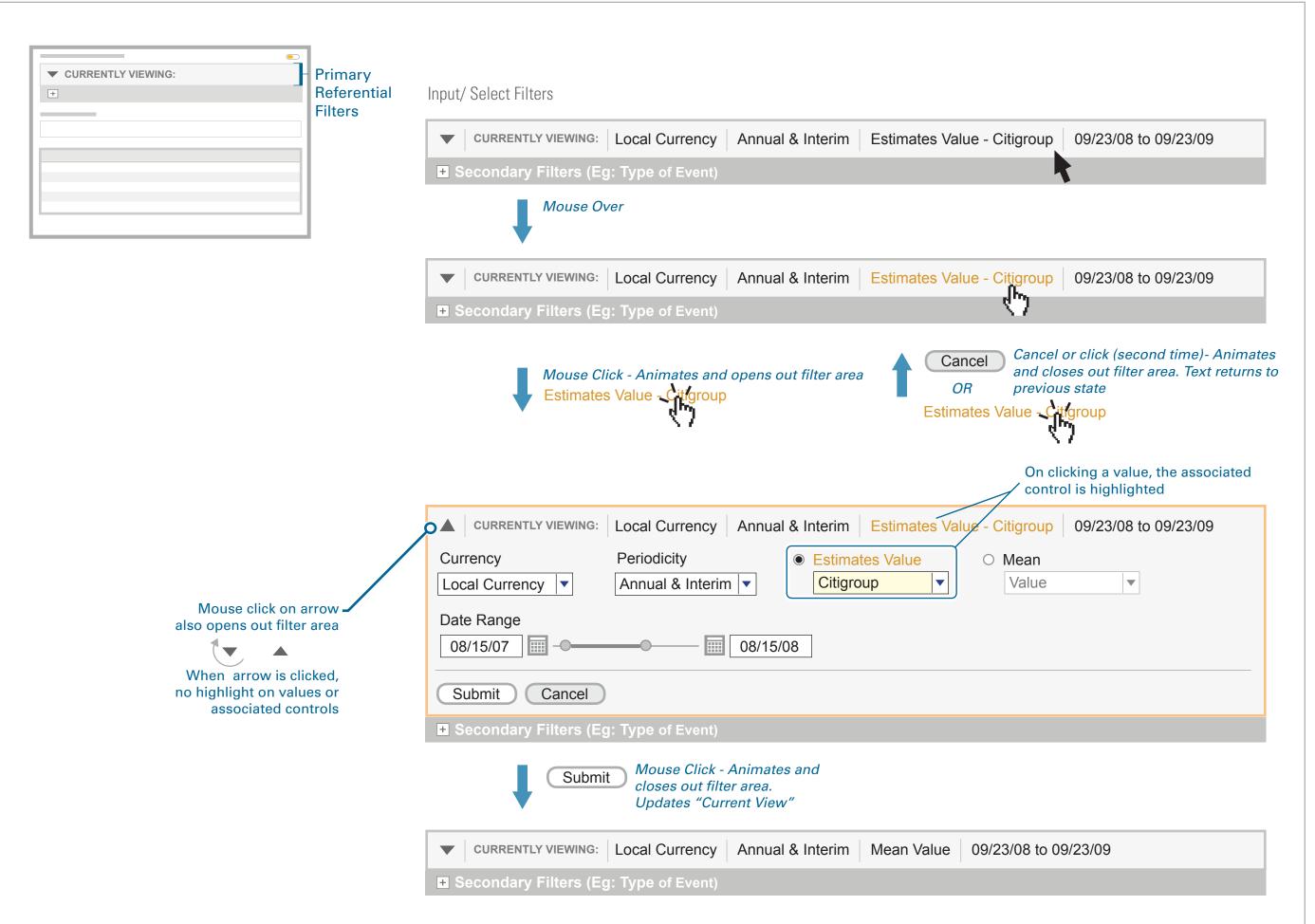




Interaction Types

Filters

Primary Referential





Default state of slider for any

Dynamically chang-

es values as slider

moves

given value range

08/15/08

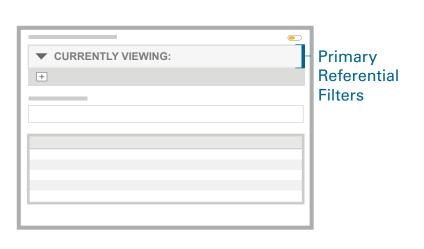
02/15/08

Combo text box;

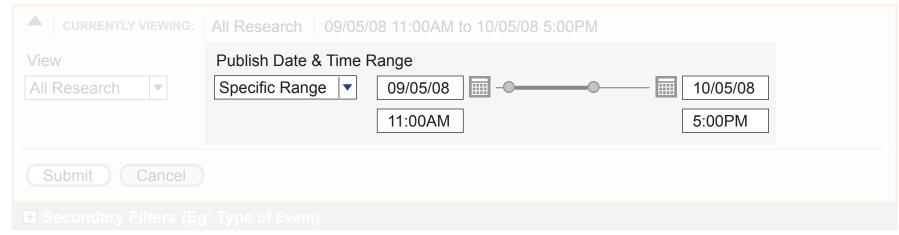
opens menu

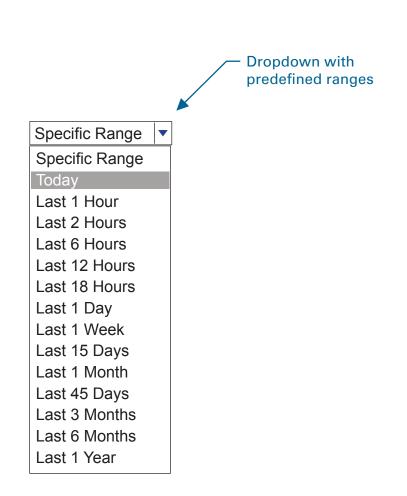
mouse click inside box

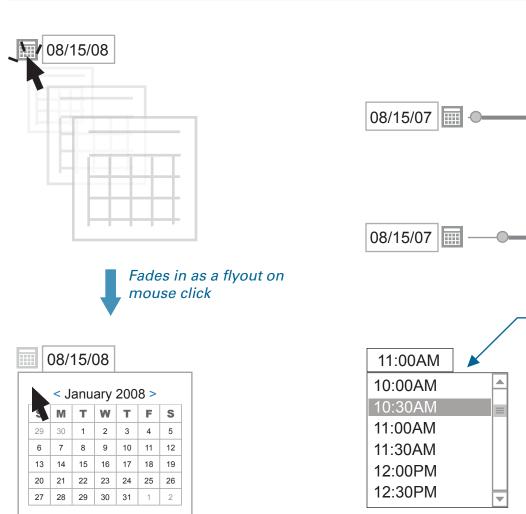
Primary Referential Filters



Date Time Range Filter







Secondary Referential

Filters

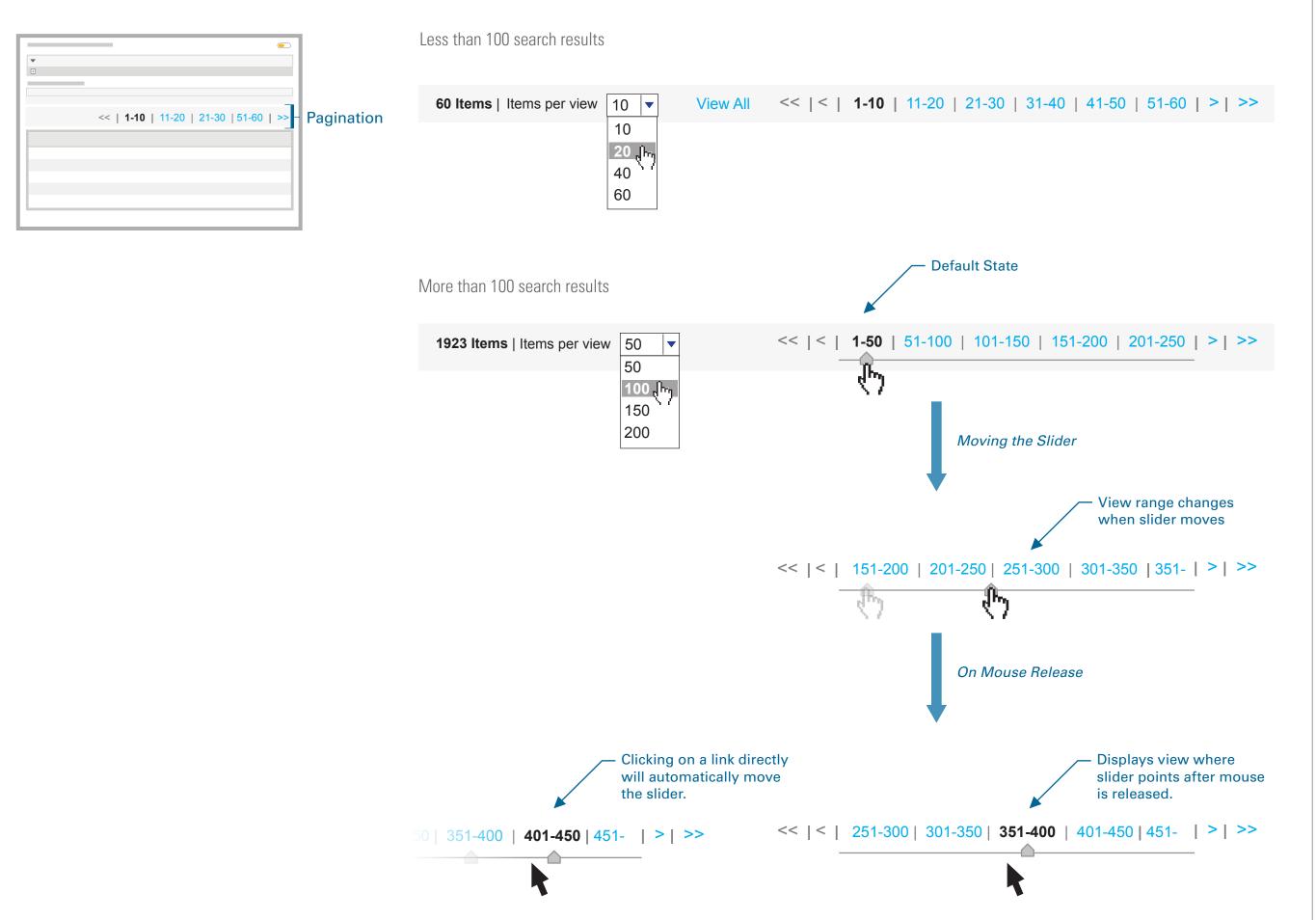
+ Eg: Type of Event

37

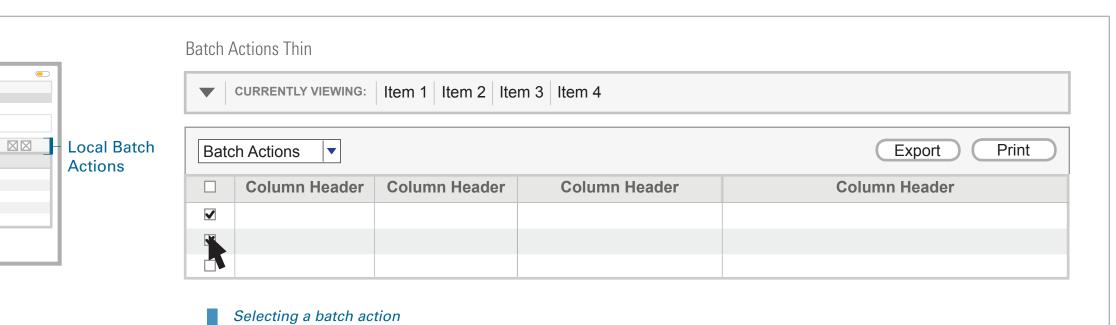
Interaction Types

Secondary Referential Filters



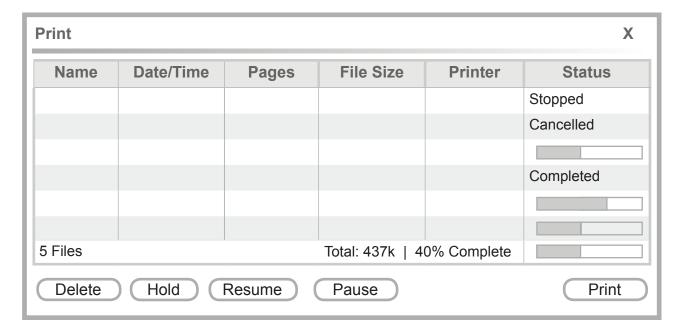


Pagination



▼ CURRENTLY VIEWING: Item 1 Item 2 Item 3 Item 4 Export Print Batch Actions Save der | Column Header Column Header **Column Header** Print Email Delete

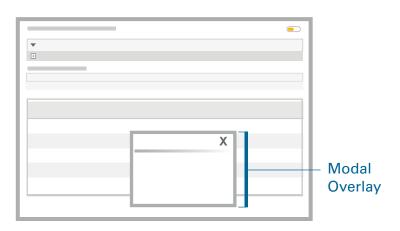
Mouse release opens modal window



Interaction Types

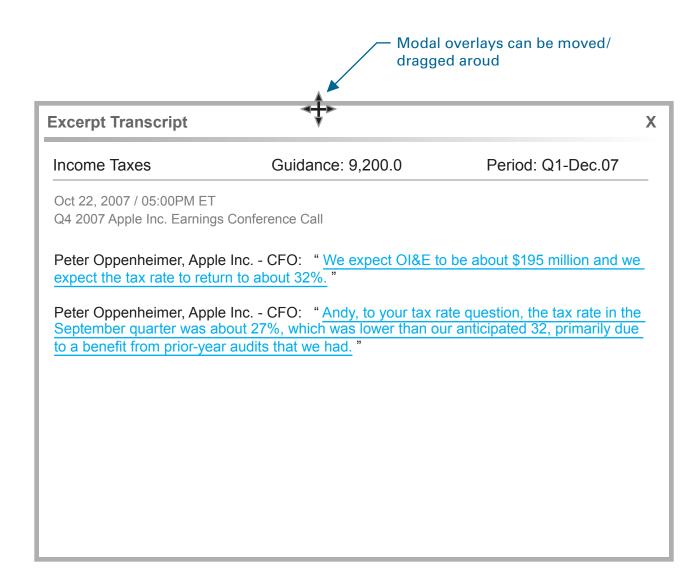
Local Batch Actions





When to use modal overlays

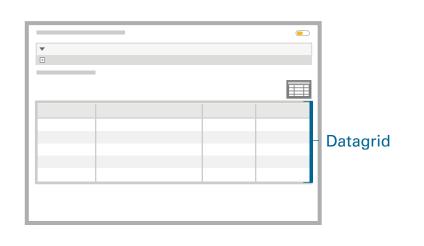
Modal overlays are used to present details or related information to the content being viewed. Modal overlays should be used in place of pop ups wherever possible. Pop ups should only be used when the screen links to content not directly related to the content currently viewed.





Interaction Types

Modal Overlay



Create And Edit Column Views via Advanced View Options

Advanced View Options -

All Research

Туре	Ticker	Date	Headline	Contributor	Pgs	Tags	RMS

1

Mouse click opens modal window

Click on row opens view **View Options** options on the left panel View Name Custom View 2 **Custom Views** Name Column Order "Drag&Drop" changes column -Type Custom View 1 order; multiselect is available Ticker Custom View 2 Headline Custom View 3 Headline Contributor Custom View 4 Pgs Tags Custom View 5 + Add New × Delete + Add New -× Delete Click on "Add New" clears form on the left panel Cancel Save

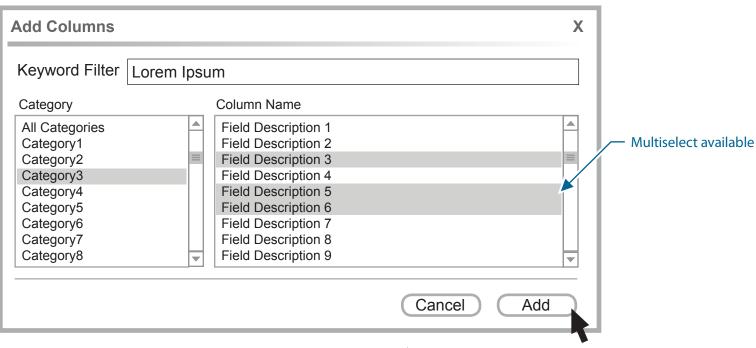
1

Mouse click on "Add New" replaces View Options window with Add Columns window

Interaction Types

Datagrid - Edit View (Advanced Options)

Datagrid - Edit View (Advanced Options)



Mouse click on "Add" replaces Add Columns window with View Options window

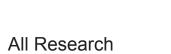


New columns are displayed on top of the list and can be reordered.

View Options	X
View Name Custom View 2	Custom Views
Column Order	Name □ ■
Field Description 3	Custom View 1
Field Description 5 Field Description 6	Custom View 2
Ticker	Custom View 3
Date Headline	Custom View 4
Contributor	Custom View 5
+ Add New × Delete	+ Add New × Delete
	Cancel Save

Mouse click on "Save" closes window and displays updated grid



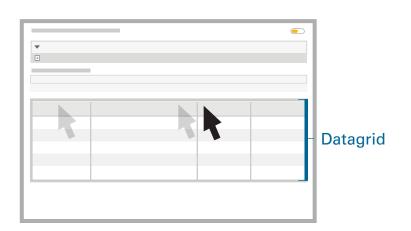




Field Descrip- tion 3	Descrip-	Ticker	Date	Headline	Contributor	Pgs	Tags	RMS

Interaction Types

Datagrid - Edit View (Advanced Options)



Edit Column Views via direct manipulation (Reordering columns using drag n' drop)

			1	_						
Туре	- Ticker	→ Dat	e 🗸	Headline	•	Contributor -	Pgs -	Tags →	RMS	•
	Ticker		Ticker							
		7	TICKCI							
			Ţ							



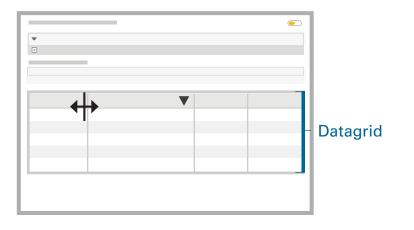
Column snaps in place at new position on mouse release

Type -	Date -	Ticker →	Headline +	Contributor -	Pgs -	Tags -	RMS	•

Interaction Types

Datagrid - Edit View (Direct Manipulation)





Edit Column Views by Sorting

Date	Headline	- '
		•



Date	Headline →
	Altria Bid for UST:US Tobacc
	Coca-Cola Co.: Quick Comment
	Google:Google/NBC Deal
	Telecom, Media & Tech
	WB:New CFO Has Work



Date	Headline
	WB:New CFO Has Work
	Telecom, Media & Tech
	Google:Google/NBC Deal
	Coca-Cola Co.: Quick Comment
	Altria Bid for UST:US Tobacco

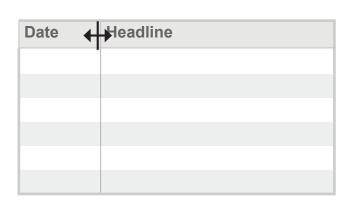
Headline +++

Cursor drags

position

separator to new

Edit Column Views by Resizing



hover over header separator changes cursor icon to resize icon Date



Mouse release places separator at new position

Interaction Types

Datagrid - Edit View (Sorting and Resizing)



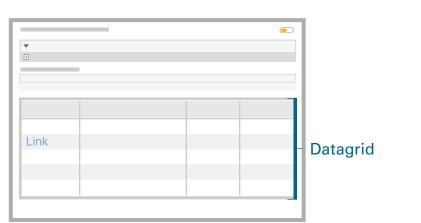
V		
-dh-	- D	atagrid

Segment/ Category/ Measure	Units	Q1 Dec 07	Q2 Mar 08	FY Sep 08
Consolidated				
Income Statement				
Revenue	\$mlns	9,200	Δ 29.0%	32,200.0
Cost of goods sold	\$mlns	₫ ~ <u>}o</u>	9,200	9,200
Gross Profit	% of Sales	<u>T</u>	<u>T</u>	<u>T</u>



Segment/ Category/ Measure	Units	Q1 Dec 07	Q2 Mar 08	FY Sep 08
Consolidated				
Income Statement				
Revenue	\$mlns	9,200	Δ 29.0%	32,200.0
Cost of goods sold	\$mlns	~ [h _r 9,200	9,200	9,200
Gross Profit	% of Sales	7 / I	<u>T</u>	<u>T</u>

Datagrid - Cell Selection



Segment/ Category/ Measure	Units	Q1 Dec 07	Q2 Mar 08	FY Sep 08
Income Statement				
Revenue	\$mlns	9,200	Δ 29.0%	32,200.0
Cost of goods sold	\$mlns	9,200	9,200	9,200
Gross Profit	% of Sales	Ţ	Ī	Ţ

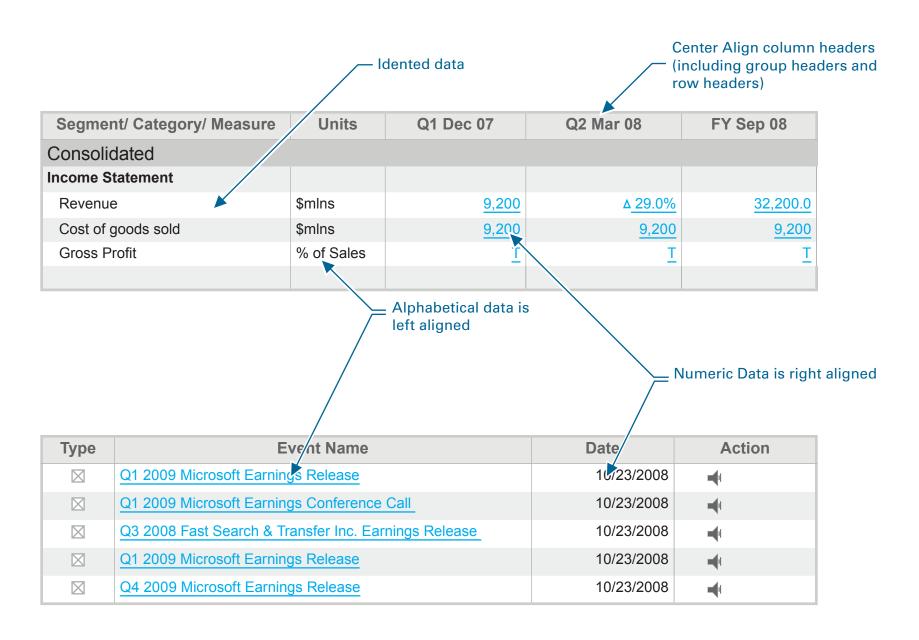


Segment/ Category/ Measure	Units	Q1 Dec 07	Q2 Mar 08	FY Sep 08
Income Statement				
Revenue	\$mlns	9,200	Δ 29.0%	32,200.0
Cos Igoods sold	\$mlns	9,200	9,200	<u>9,200</u>
Gross Profit	% of Sales	Ī	<u>T</u>	<u>T</u>

47

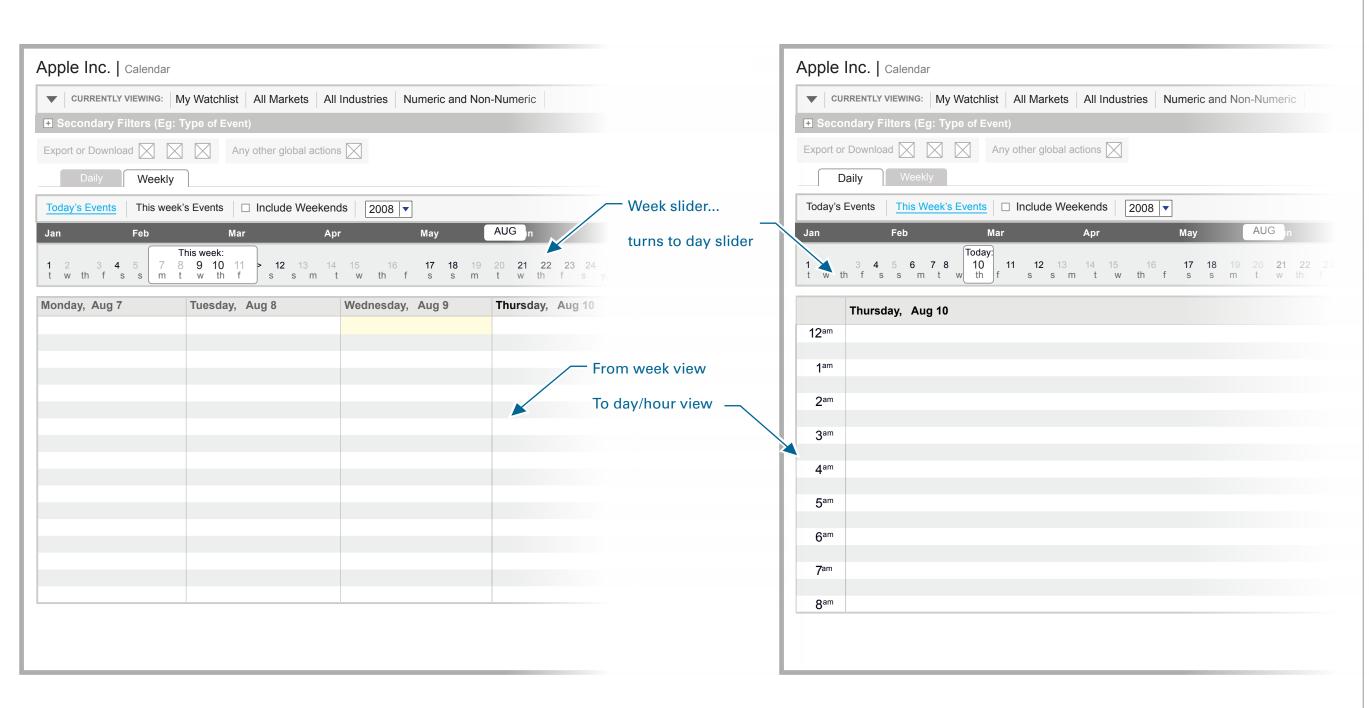
Interaction Types

Datagrid - Link Detail

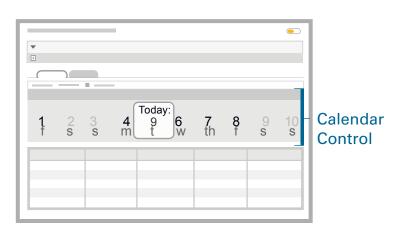


Datagrid - Data Alignment

•	-			(
1 2 s	3 s	4 Today: 9 6 W	7 8 th f	9 \$	10 S	Calendar Control



Calendar Control



If nessecary, month selector slides to — current month

Day Selector Shrinks to current day

Weekly calendar view changes to day/hour format



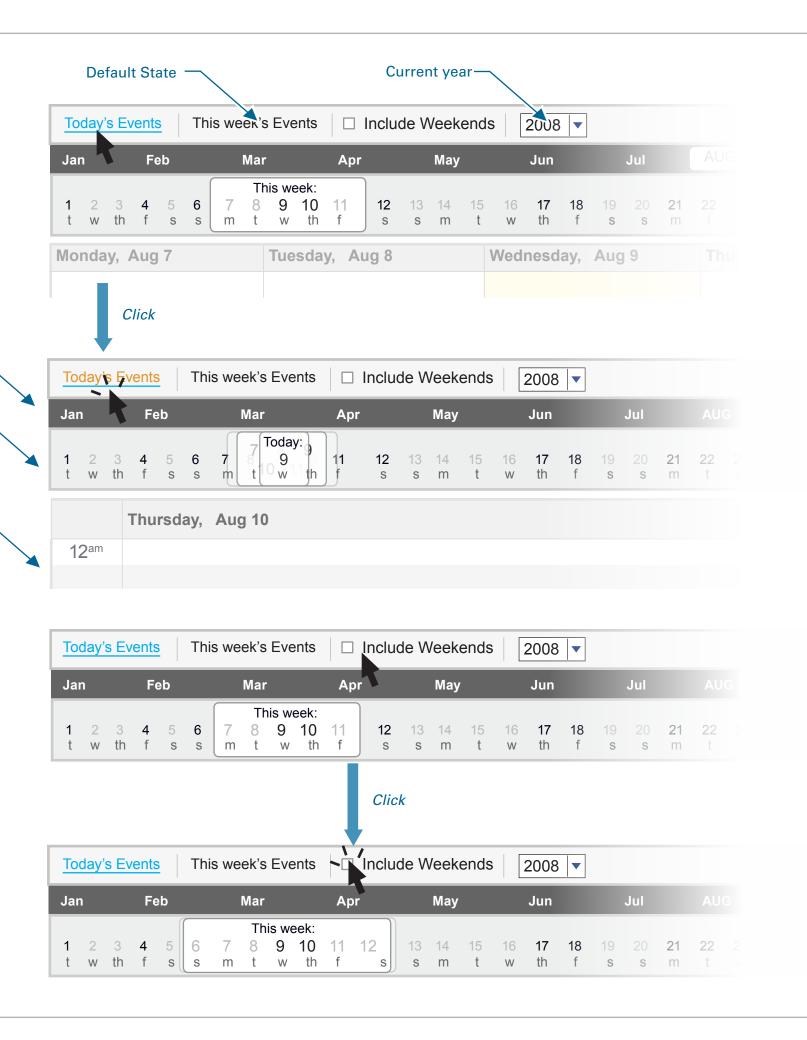
Clicking *This Week's Events* will drag the year, month and week slider(s) to the current business week and month.

Today's Events

Clicking *Today's Events* will bring the drag the year, month and week slider(s) to the current business day. It will change the Calendar view to the day/hour view.

Include Weekends

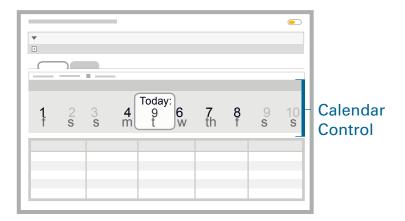
Clicking the include weekend checkbox will add the Sunday PRIOR to the current workweek and add the Saturday AFTER the current business week. The Calendar layout will reflect it in the week view.



Interaction Types

Calendar Control

Component Redesign



Year

Select the year from the dropdown

Month

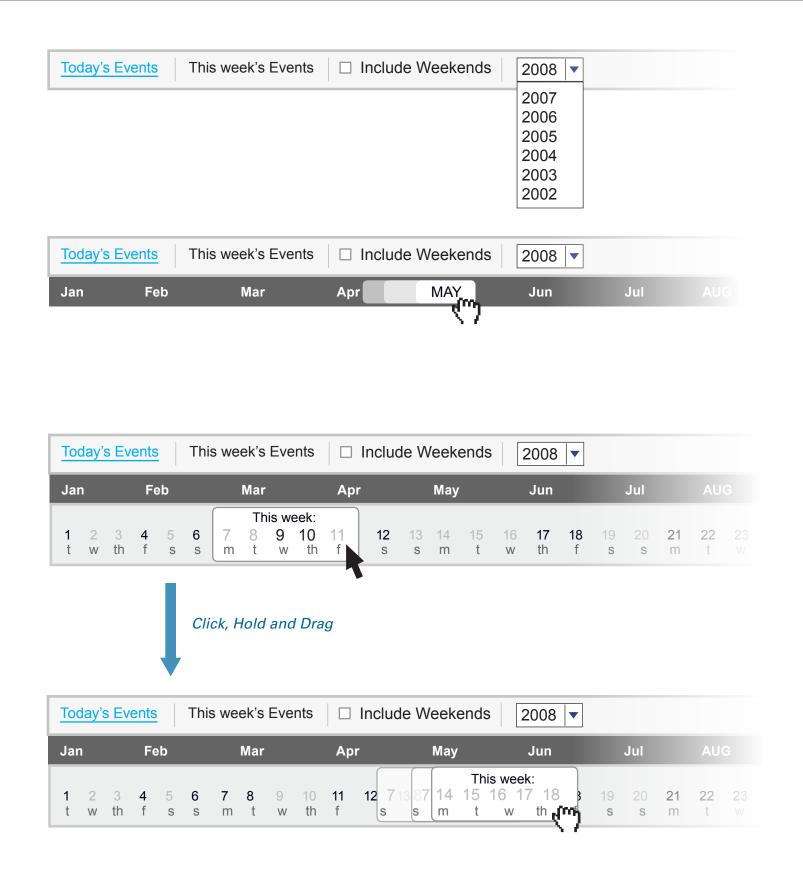
You can Click, Hold and Drag a month slider. By default, the current month is selected, the week view will default to week one, the day view will default to day one of the month.

Week

You can Click, Hold and Drag a day slider. No matter what day you stop on, the week slider will default to stop on Monday of that week, unless *Include Weekends* has been selected, in which case the week starts in Sunday.

Day

You can Click, Hold and Drag a day slider. You can select any day.



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Interaction Types

Calendar Control