

IBM Software

Business Analytics **Forum** 2010

See The Future Of Decision Making

November 3-5, 2010

Gold Coast – QLD – Australia

**Powerful New Charting
Capabilities in IBM
Cognos 10 Business
Intelligence Software**

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Technical Professional



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A bit about me....MJ

- Variety of Roles with Cognos and Now IBM over 15+ years.
 - Customer Support
 - Education
 - Pre-Sales
 - APO IS Manager (internally for Cognos)
- Has worked with PowerPlay, Impromptu, Report Studio, Analysis Studio, Cognos 8 and Cognos Visualizer
- Currently in Pre-Sales role.
- mj.goddard@au1.ibm.com

What does mum do again?

Silly you have you not been listening...its all about Cognos 10. Still don't know why we have to wear these outfits





Agenda

- New charting Engine for Cognos 10
- Demo's
- Q & A



Why a New Charting Engine?



10
COGNOS

- It's a whole new engine





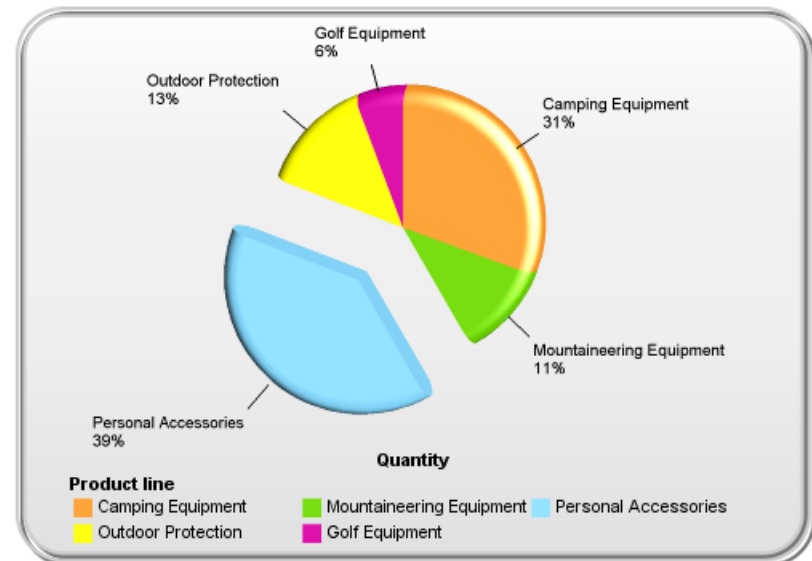
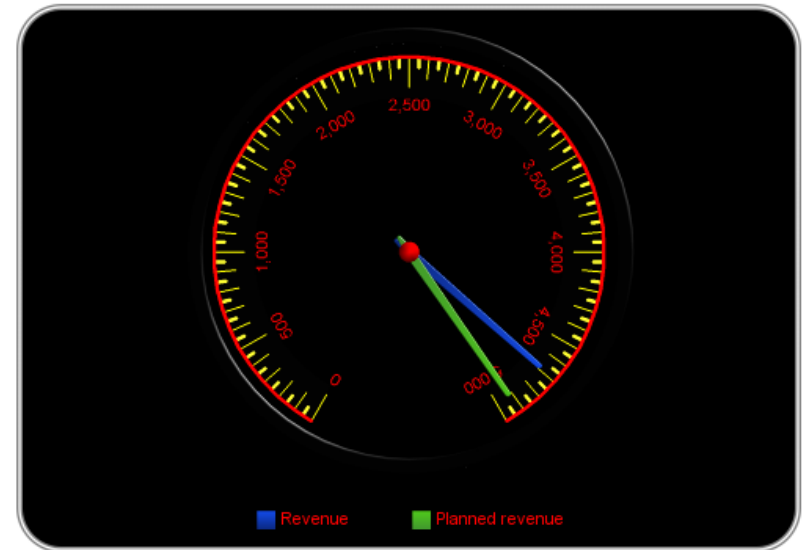
Provide greater visual appeal with enhanced charting

Fundamental change to charting approach which provides greater visual appeal, tremendous functionality & flexibility and increased properties for customization

New Charting

Solution Highlights

- More graphically appealing
- Less authoring effort for better visuals
- Flexibility – use C8 or Cognos 10 approach
- Author can preview style changes





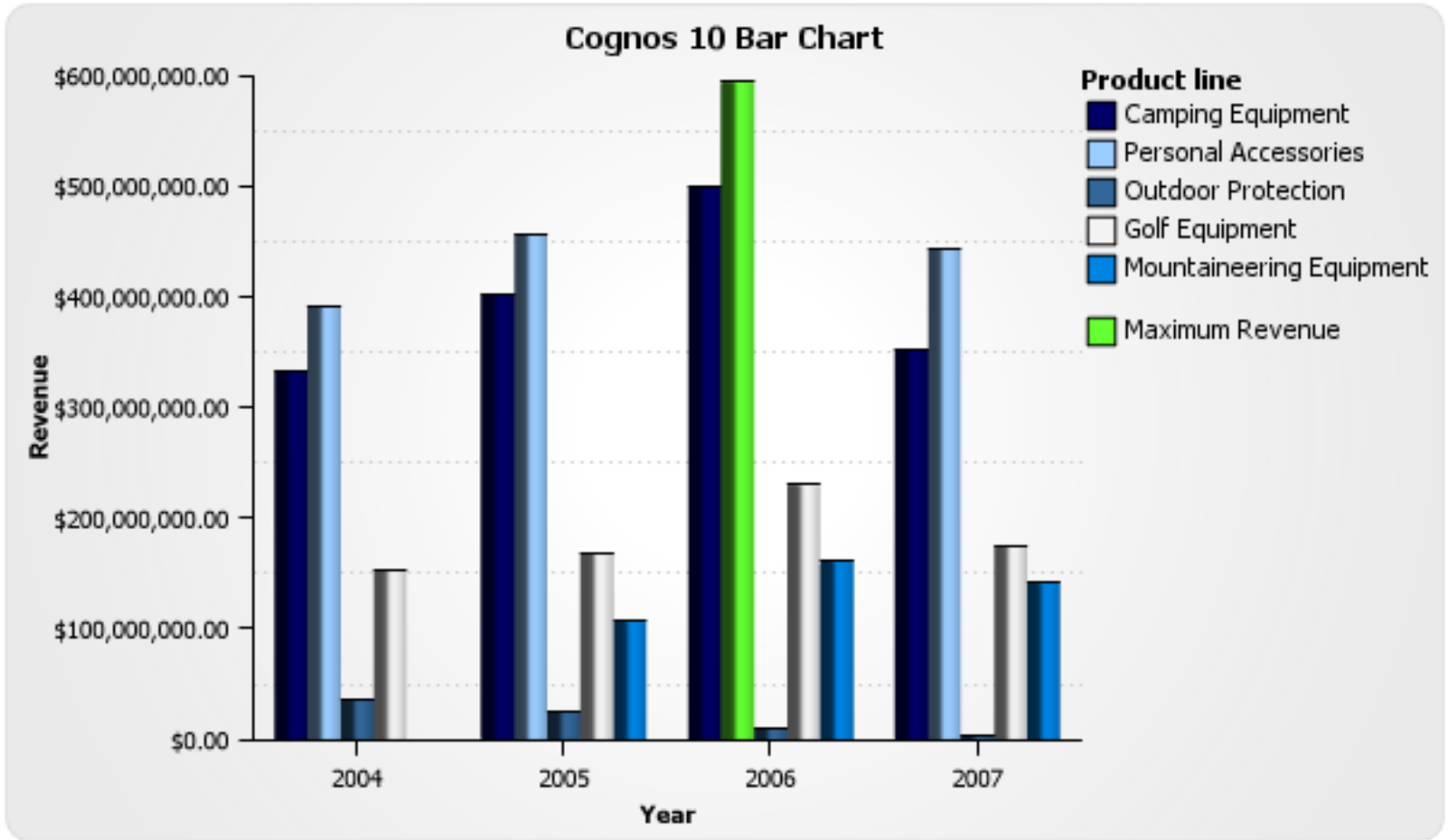
Introducing the New Charting Engine - Features

- Greater Visual Appeal and tremendous functionality
 - 3D appearance
 - Chart Preview in author mode
 - Over 60 new starting points – chart variations
 - Enhanced Pie/Donut Charts
 - New Bullet Chart
 - Enhanced Chart Styles
 - Greater Control over Legend positioning
 - Many new options
 - New toolbar buttons
 - Summarize small items
 - And much much more.....





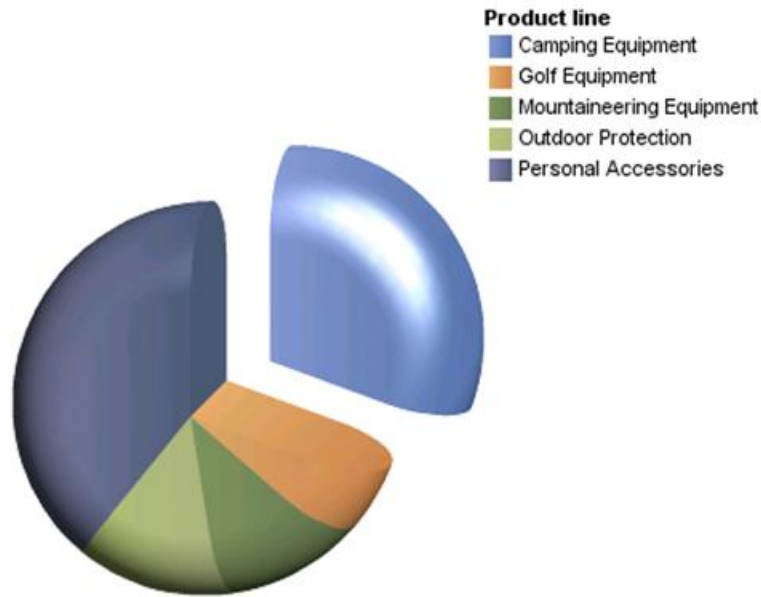
A Few Examples – Bar Charts



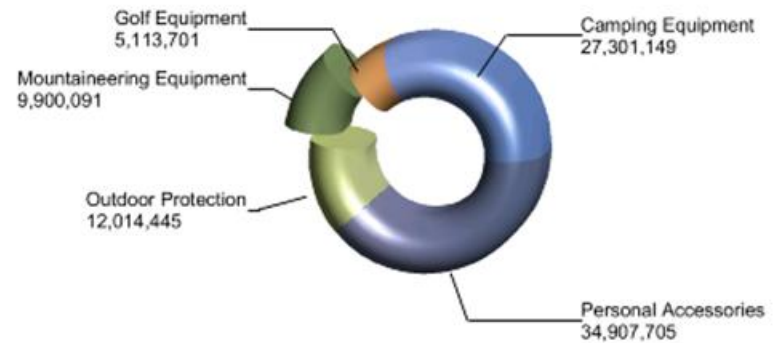


Examples – Pie Charts

- Pie and donuts
 - 3-D bevels, extruded slices, slice starting angle, slice draw direction



Quantity



Quantity

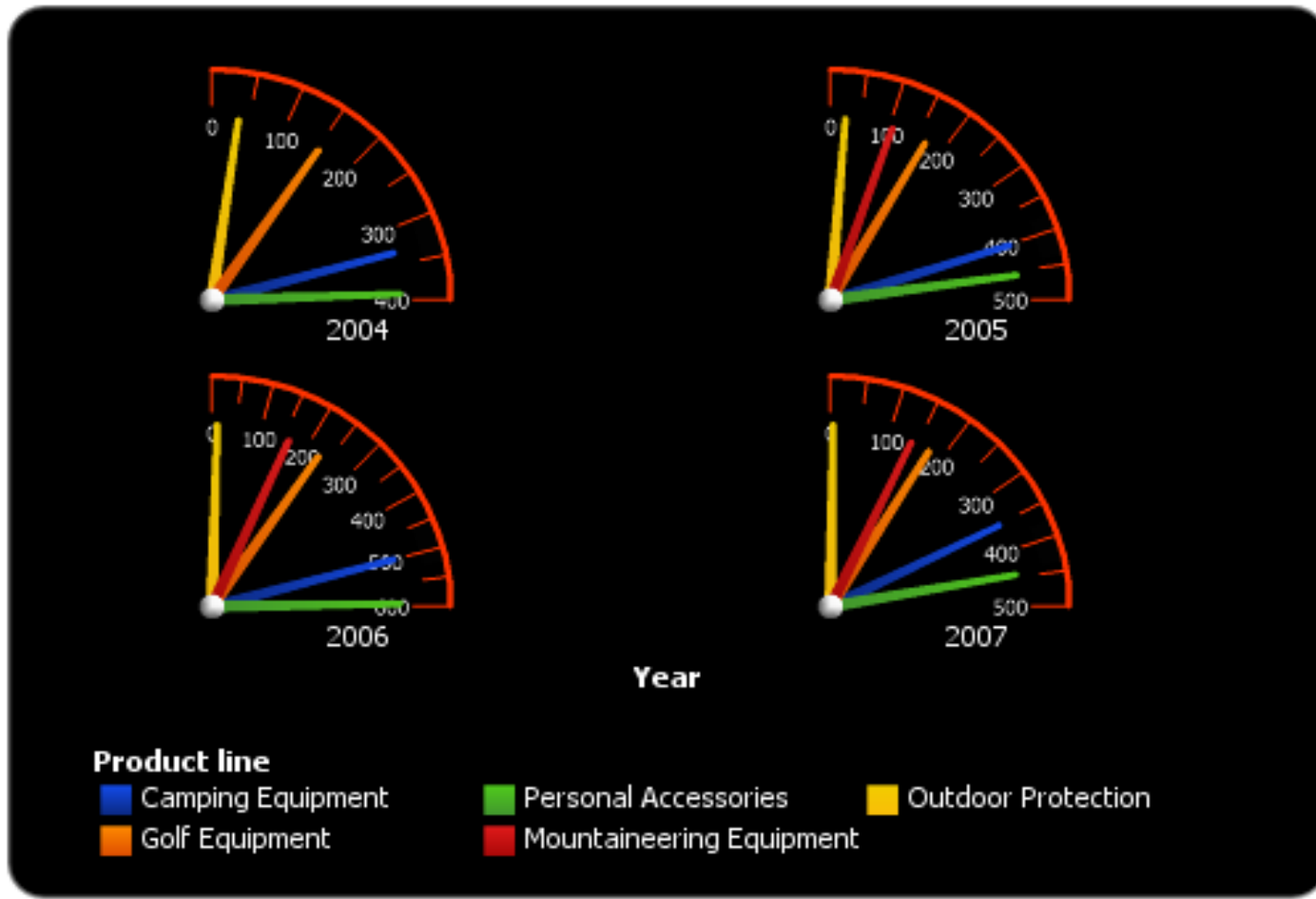




Examples – Guage Charts

Cognos 10

- custom border, needles, axis angle and direction, etc





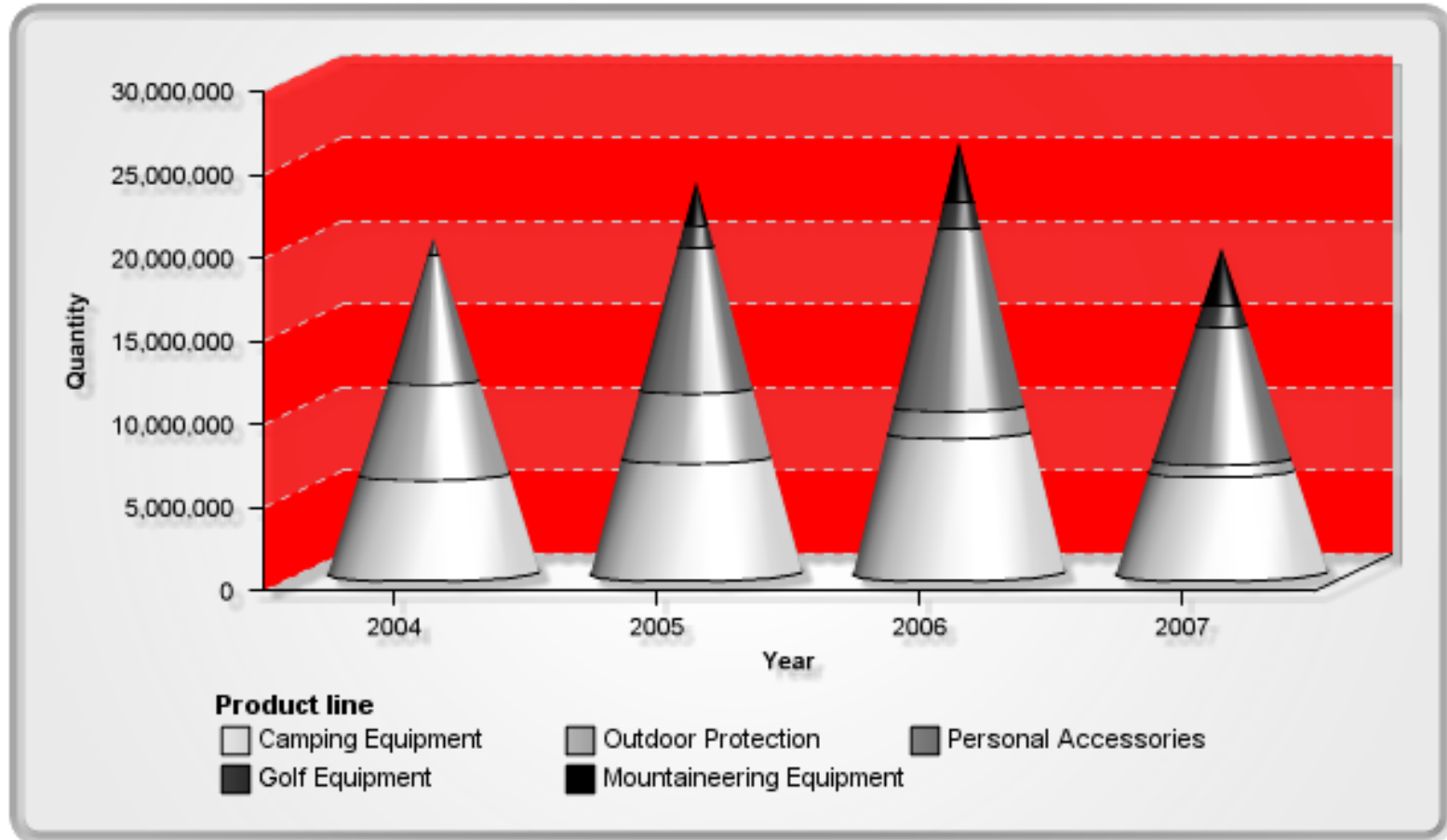
Cognos 10 Demo

Lets Take a look





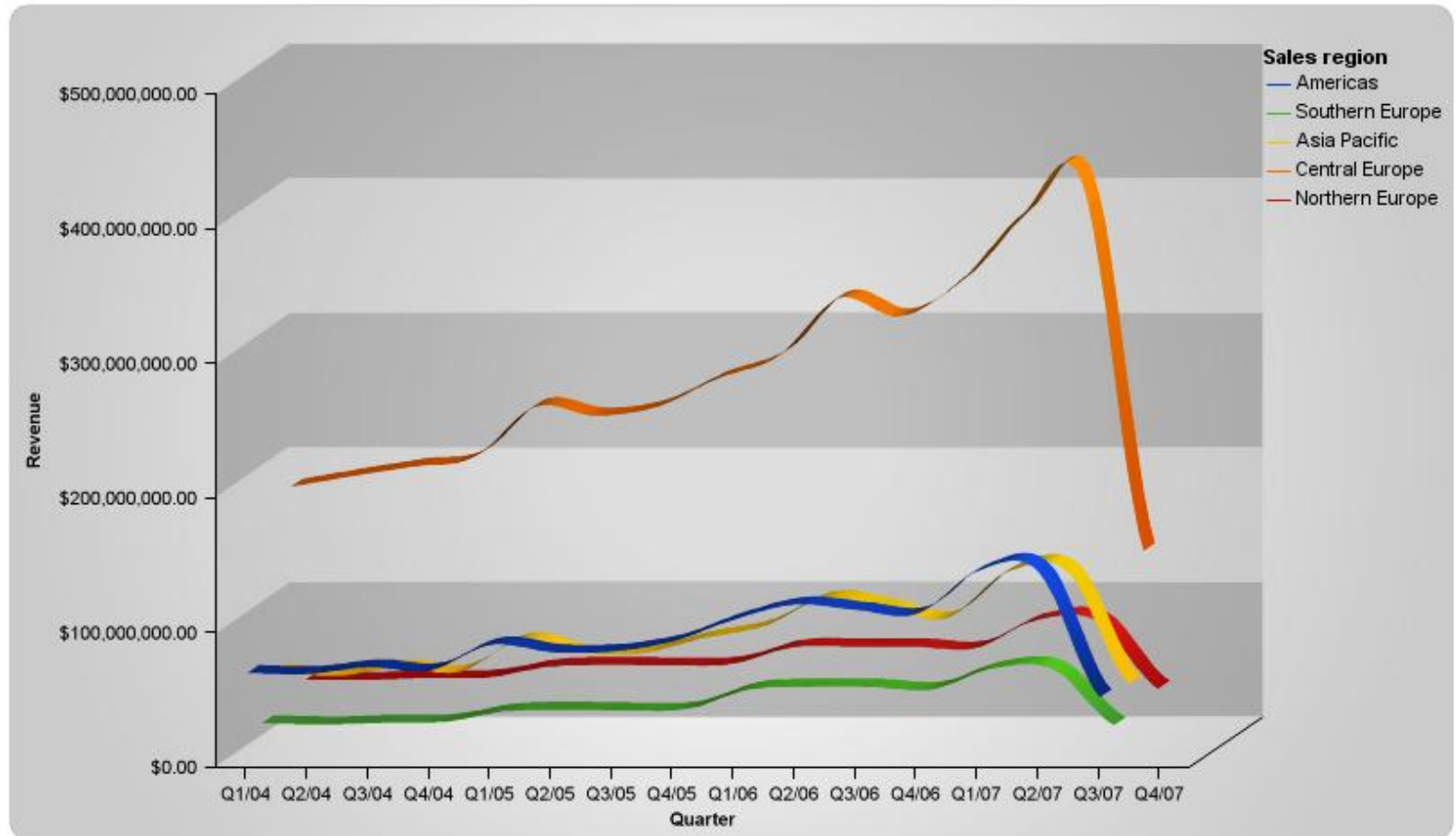
Examples - Cones





Example - Lines

- Smooth





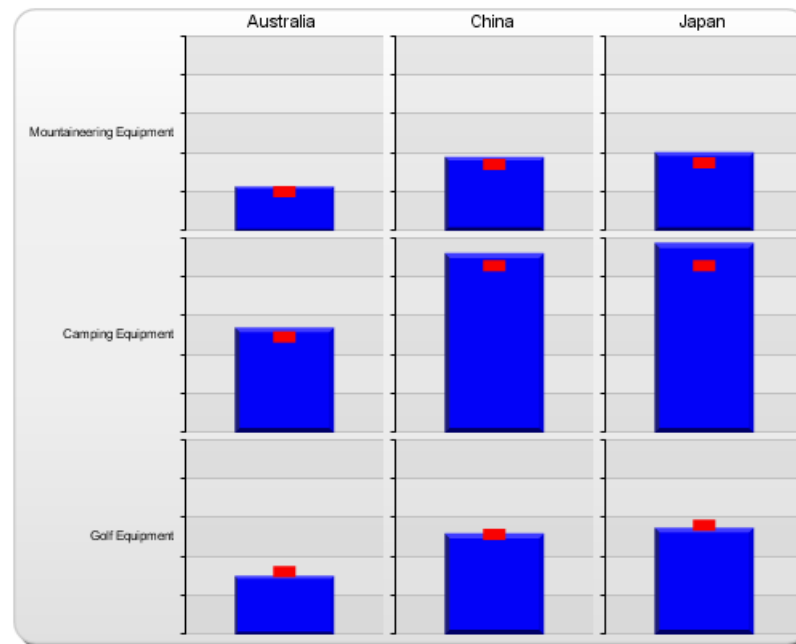
Cognos 10 Demo

Charts



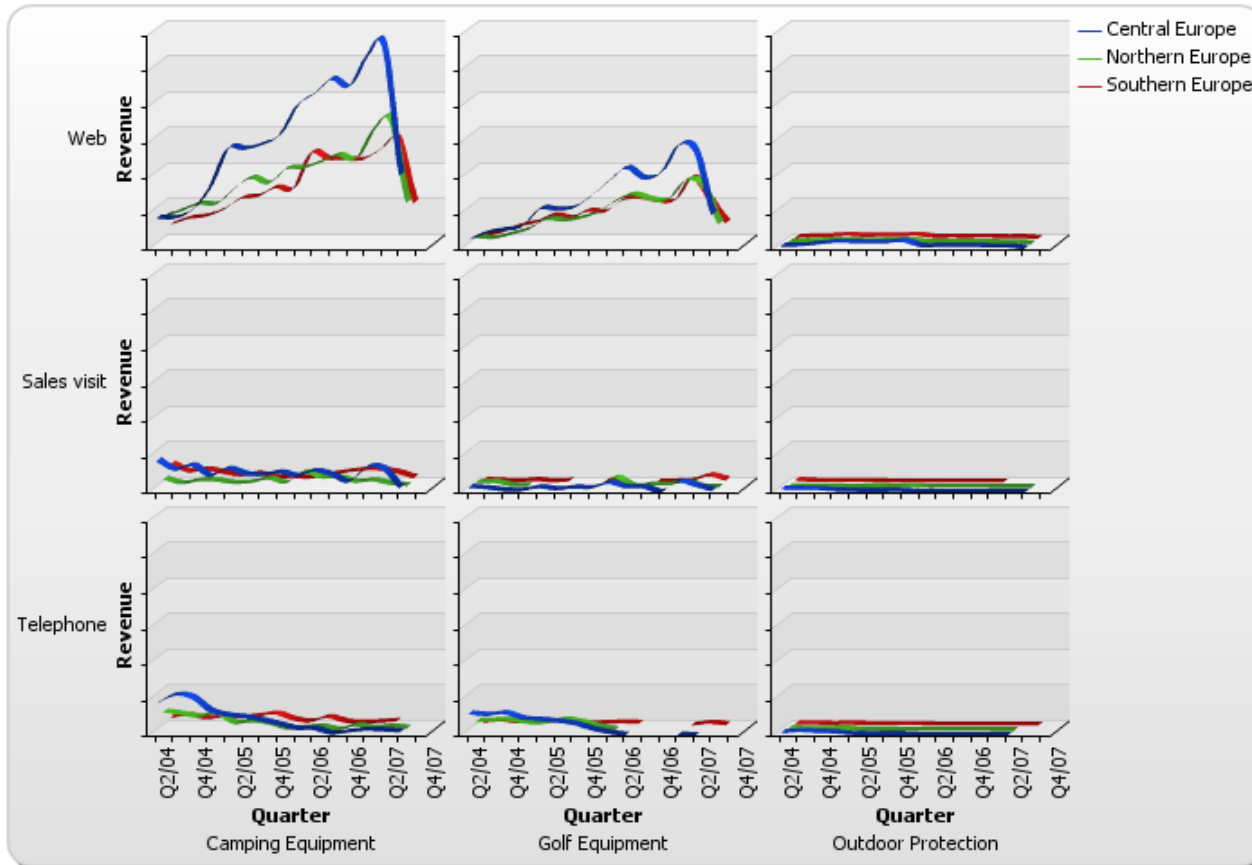
Example - Bullets

- They compare a featured measure (the bullet) to a targeted measure (the target)
- Bullet charts are often used instead of gauge charts in executive dashboards.
- Bullet charts can be horizontal or vertical.



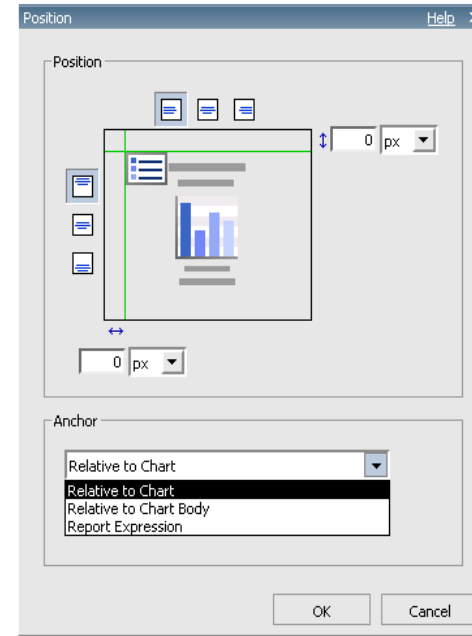
New Chart Types and Features - Matrix

- Used to produce a row/column table of charts
- Repeat outer series as row/columns or both



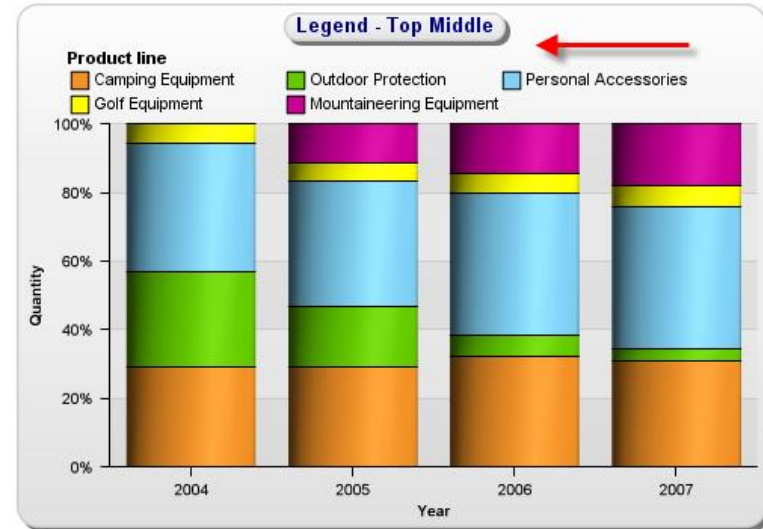
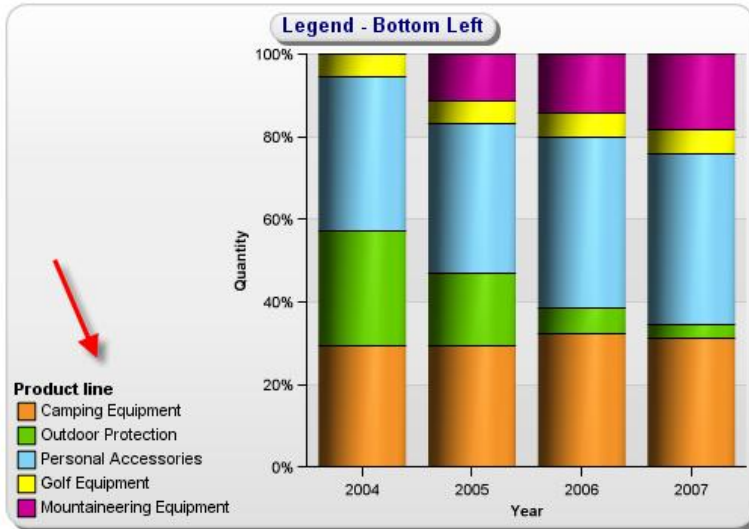
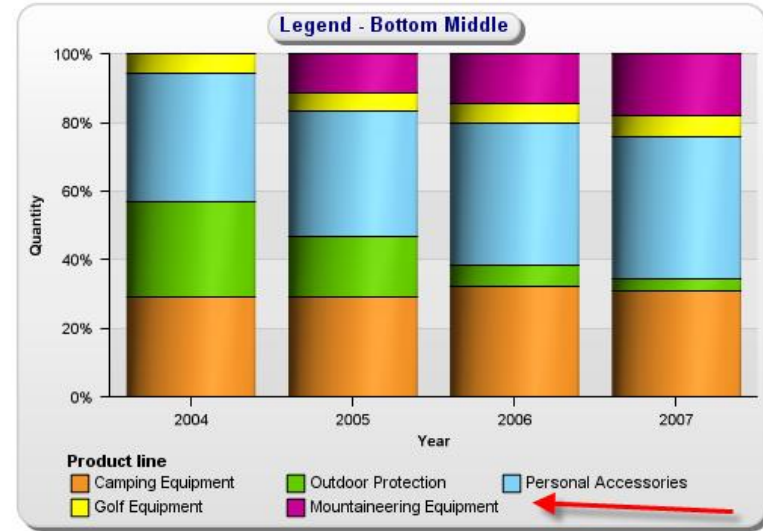
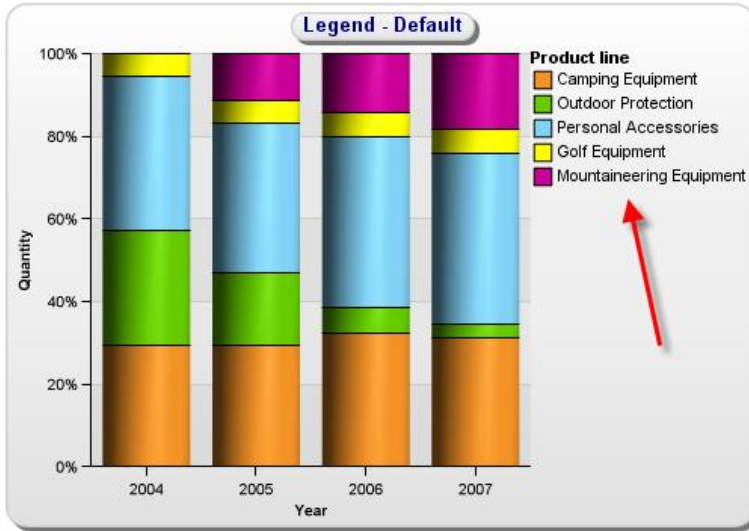
New Chart Types and Features - Legends

- More preset options to position legend on chart
- More options for absolute positioning
- More legend entries
 - Trend lines
 - Conditional highlighting
- Multi-line horizontal
 - Max size ~ 30% of chart height
 - Make chart taller, see more lines



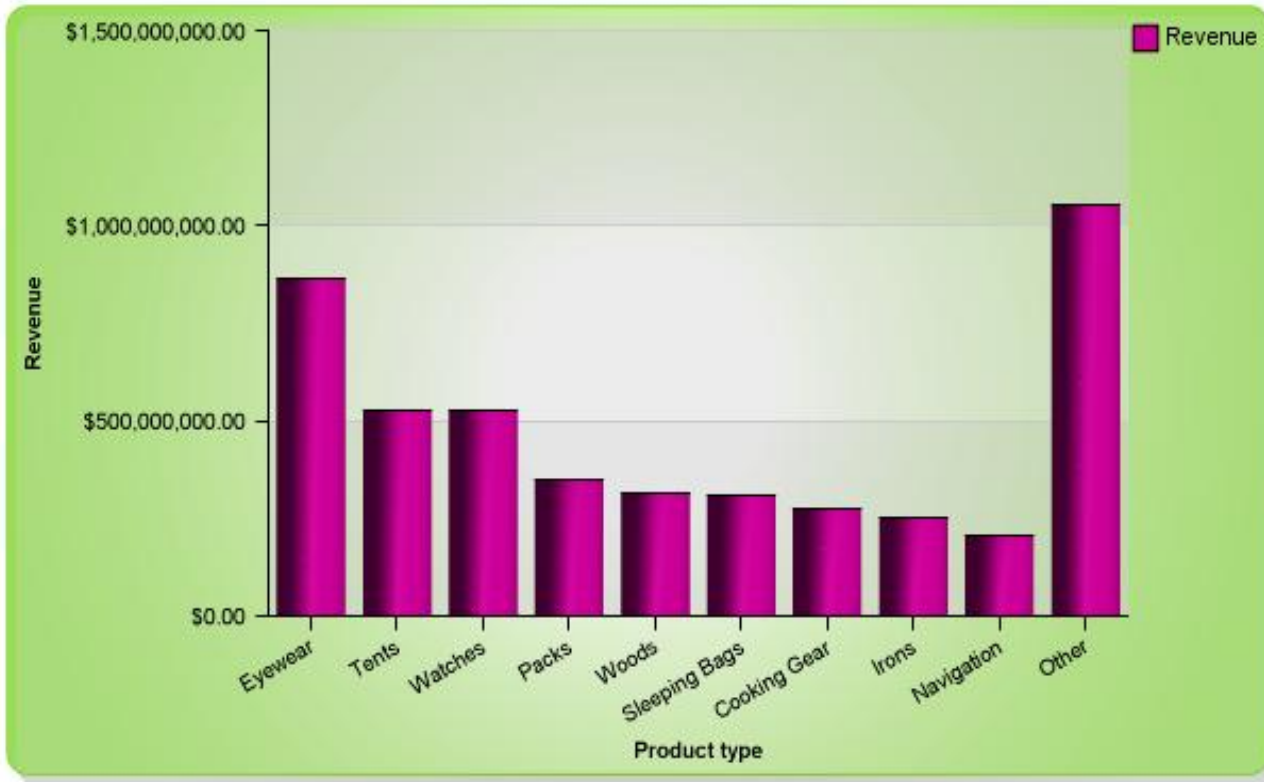


New Chart Types and Features – Legends





New Chart Types and Features – Small Values



Summarize Small Bars Help ×

Maximum number of items
5

Summarize items smaller than a value
10 Percentage values

Small item summarization type:
Total

Item label:
Other

OK Cancel





Cognos 10 Demo

Small Values

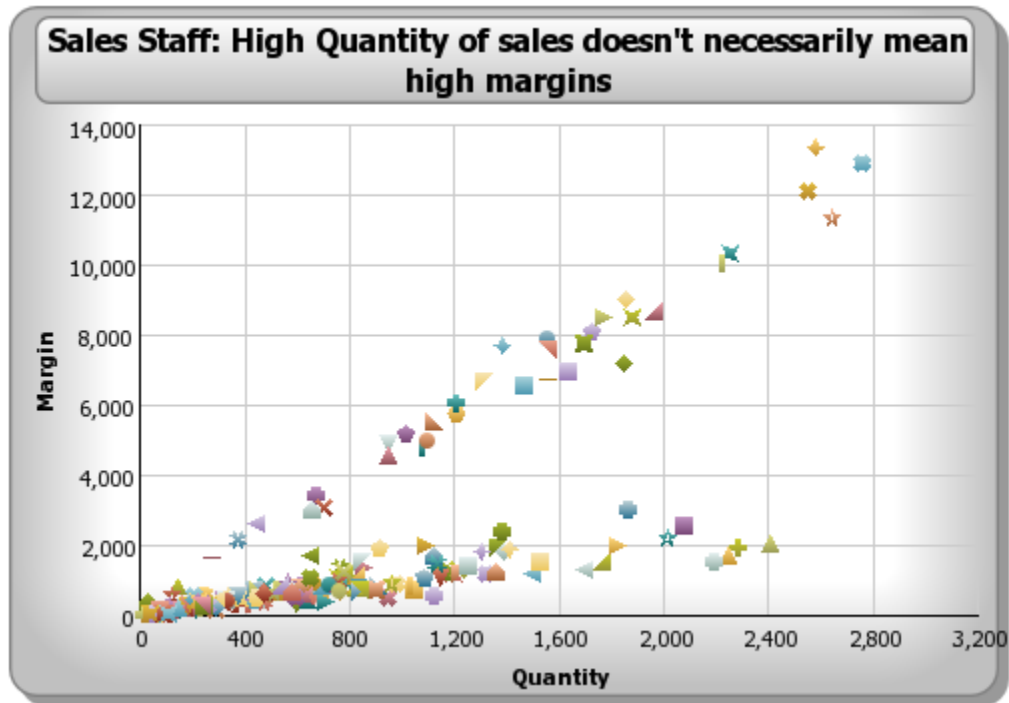




More examples of background effects



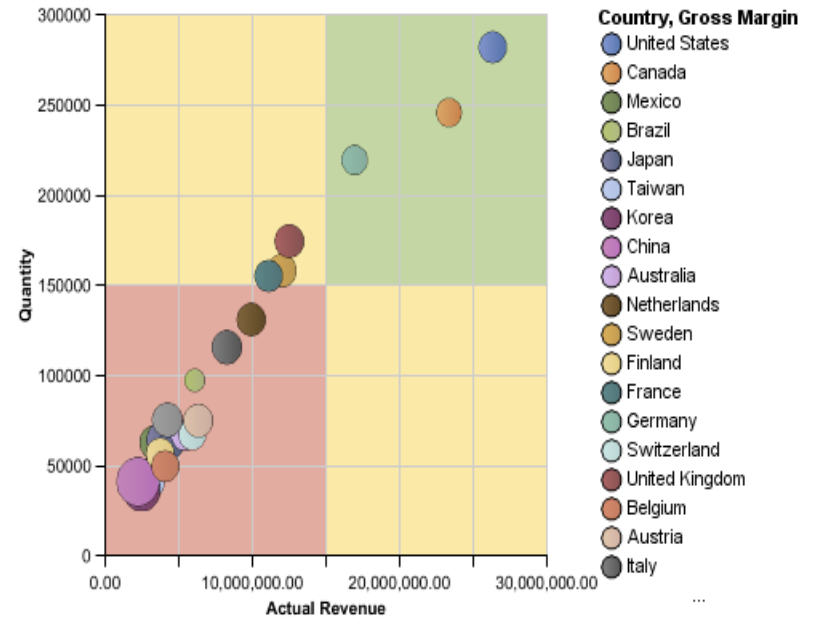
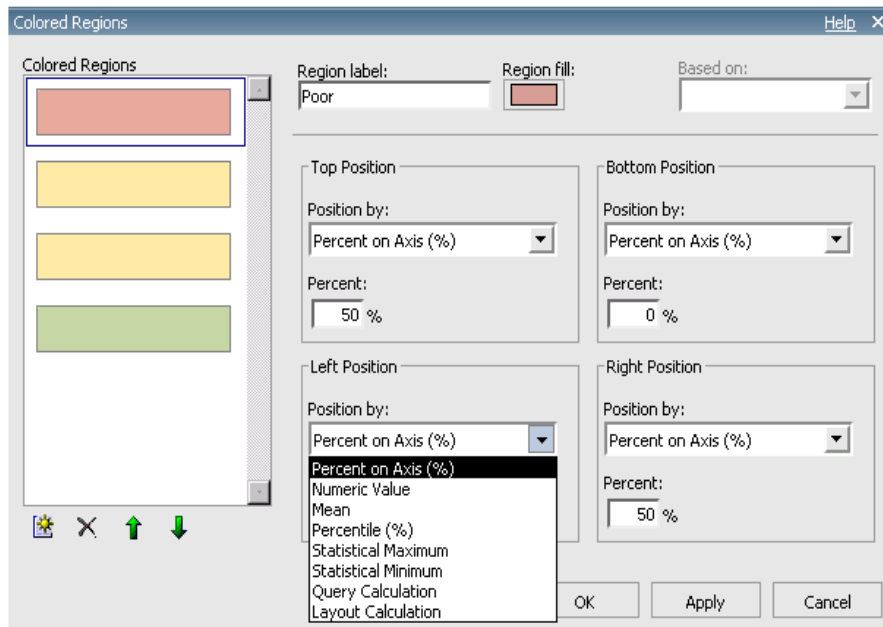
	Revenue	Planned revenue
Q1/04	\$221,704,705.31	\$233,567,901.44
Q2/04	\$222,143,384.57	\$235,675,105.77
Q3/04	\$235,750,316.25	\$249,846,185.35
Q4/04	\$234,754,397.59	\$249,385,944.96
Q1/05	\$293,228,460.53	\$308,469,062.75





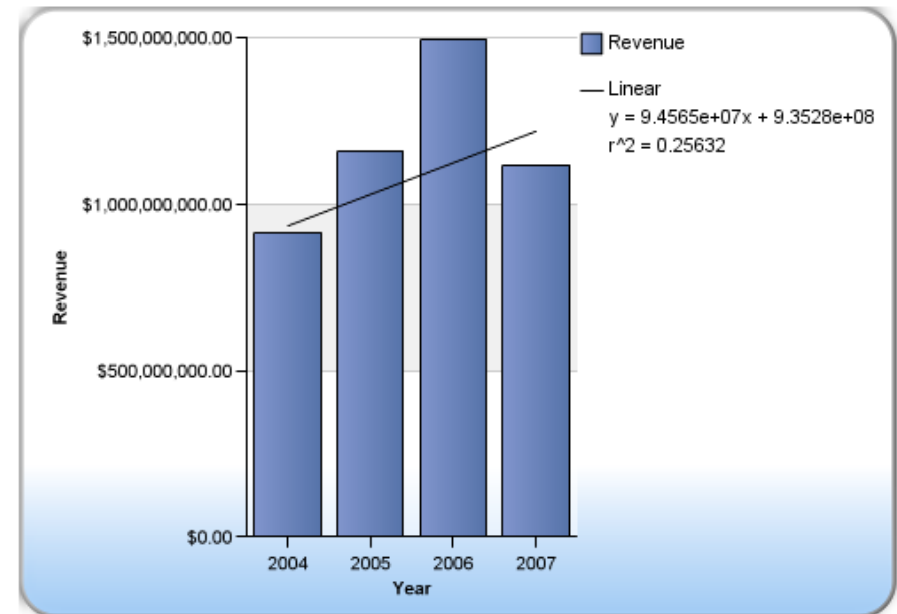
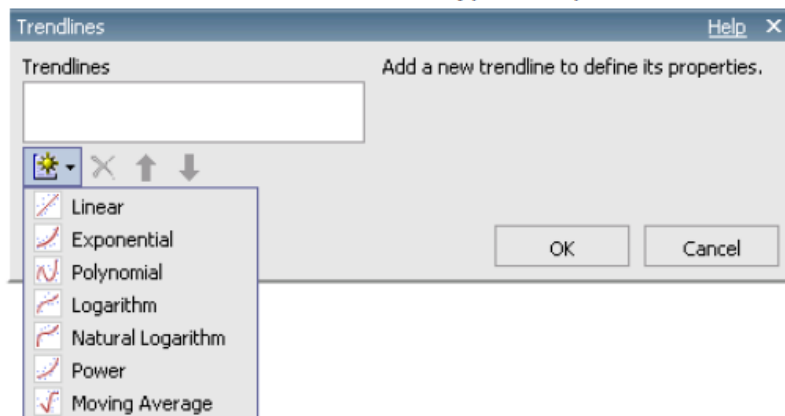
Colours Regions

- New Feature and add focus to your charts
- Pre-defined for Quadrant and Bullet, can be added to other charts.



Markers, Baselines and Trend Line

- Baseline are very similar to Cognos 8 but the interface has been simplified.
- Cognos 10 supports a larger set of trend lines on both scatter and combination (column, bar, line point and area) charts.
- Markers have been enhanced with fill support which allows gradients, transparencies, fill and images to be used.





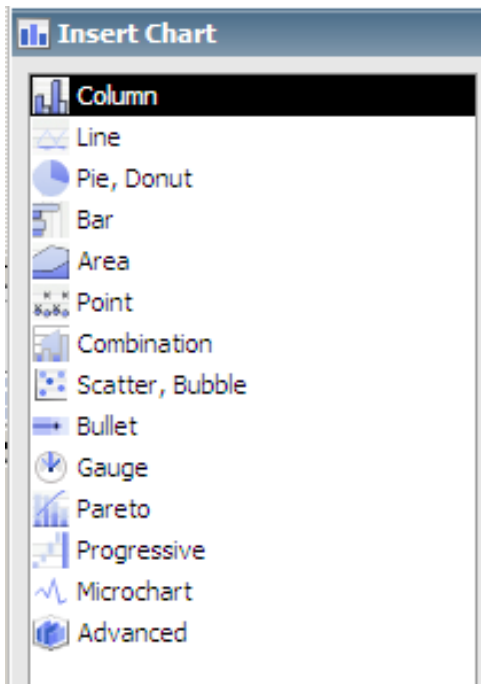
Cognos 10 Demo

Coloured Regions

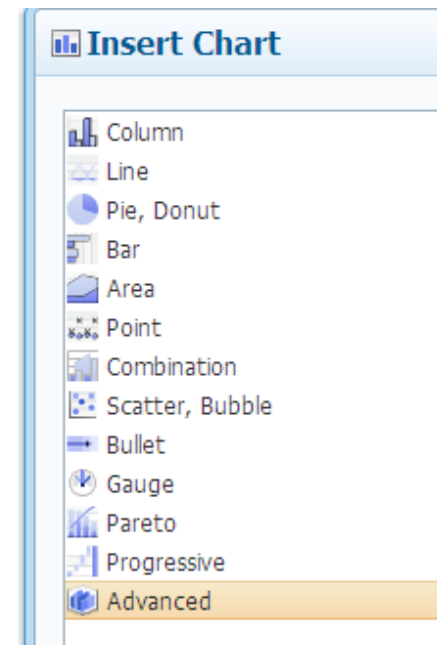


Business Insight Advanced - Charting

- Simplified interface, allows users to quickly create great looking charts
- All Cognos 10 charts available
- Easy resize
- Report Studio



Business Insight Advanced



Cognos 10 Demo

BIA





Technical Information

- New Charting Engine available to Report Studio, Business Insight and Business Insight Advanced and Real Time Monitoring
- IBM Cognos 8 chart technology has reached its limits
- IBM Cognos 10 has both legacy and new technology charts
- IBM Cognos 8 existing reports use legacy chart technology on upgrade
 - Can move existing reports to new technology
 - Differences and limitations documented in Report Studio User Guide
 - There is no forced Upgrade to use new Charting
 - Convert on a as need basis.
- IBM Cognos 10 uses new chart technology by default
 - Report Studio user preference to use legacy charts





Questions?





Information and Analytics Communities

- **On-line communities, User Groups, Technical Forums, Blogs, Social networks, and more**
 - Find a community that interests you at...
 - ibm.com/software/data/community
- **Information Champions**
 - Recognizing individuals who have made the most outstanding contributions to Information Management communities
 - ibm.com/software/data/champion



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Thank You

