



The only limit is your imagination!

Fit for business

Cubeware Cockpit V6pro

- Versatile report architecture
- Vibrant visualization
- Very easy to use
- Vital access to source systems
- View multiple cubes in one report
- Variety of enhanced features
- Virtually automatic migration

Versatile report architecture

In previous versions, Cockpit reports supported the following components:

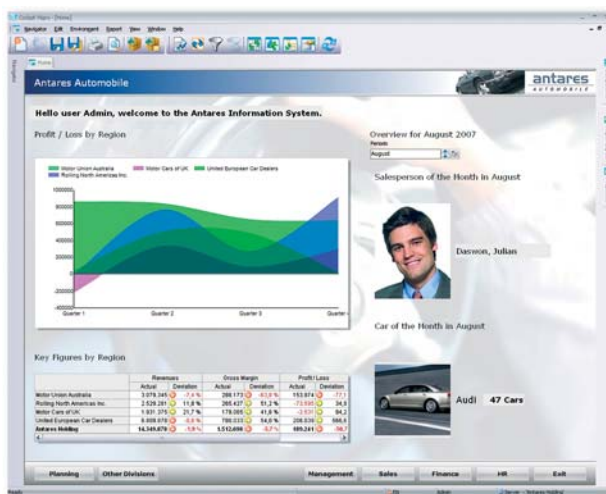
- Action bar, action buttons and the optional placement of a corporate logo
- Filter bar for selecting filtered dimension members
- Quick selection bar
- Tables and/or charts to visualize OLAP data
- SQL drill-through window
- A DataView showing the assigned data cube for that particular report

Cockpit V6pro now extends these familiar features with images, titles, gauges, special charting types and other new report components.

Best of all: You can choose the components you want in the quantities you want, place them wherever you want, and synchronize them all through filters. This even applies for DataViews!

You can also individually design the report components using borders, shadows, margins, background colors and, in some cases, images. With a simple drag and drop you can quickly change each component's size or location.

Discover Cubeware Cockpit V6pro, the new generation of Cubeware's renowned solutions for Business Intelligence and Performance Management. Cockpit V6pro delivers rich new functionality to make comprehensive analysis, planning, reporting and dashboarding faster and easier than ever before!



This sample "welcome" dashboard contains headlines, logos, charts, tables with trend arrows, and Top 1 tables with dynamic images. You can easily move any of the components in the dashboard. To drill down to the details, simply click on an action button.

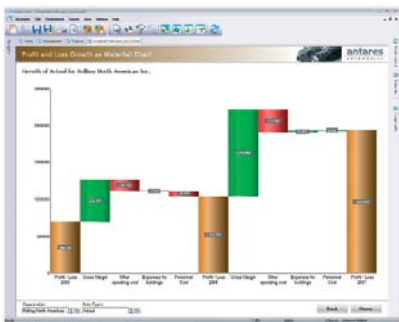
Vibrant visualization



This report contains a quick selection bar and a table with synchronized trend arrows, gradients, in-cell bars and other analytical formatting options. With the help of wizards, users can easily add any number of formatting options and apply them wherever they want within a report.



This table calculates comparable headcount KPIs throughout the organization to help monitor business performance. Color gradients making spotting the outliers easy, while pins mark the key areas to monitor. The gauges visualize the same information as in the table using green triangles for company benchmarks, scale bars for the countries and pointers for the sales distributors.



This waterfall chart visualizes profit development by year from 2005 to 2006 and 2007.

Cockpit V6pro supports advanced charting and table features so that you can better visualize business data.

The new **table formatting** options include:

- Multiple font types and sizes per table with dynamic adjustments of the row height
- Word wrap for cells and column/row headers
- Element formatting for column/row headers (global or local)
- Enhanced element-based data cell formatting (e.g. write protection)
- Value formatting extensions (e.g. factors, negative values)
- Advanced navigation (e.g. drill downs that open upwards, open/close trees)
- Column and row headers can be hidden
- Grids in tables can be hidden
- ABC tables with several measure columns
- ...and much more!

Cockpit V6pro supports advanced **analytical formatting** that uses trend arrows, gradients, in-cell bars, threshold analysis and other conditional formats to help you better visualize, analyze and monitor KPIs.

- Place many different types of analytical formats (and multiple thresholds!) in each report table
- Incorporate images and/or all the cell formatting options for more effective visualization
- Present data relationships in columns using in-cell bars
- Detect outliers using colorful gradients
- Account for nested structures while sorting data
- Display top-ten and top-value rankings
- Rank members easily using new calculated elements

Give your reports a fresh, modern flare using these innovative charting design options:

- Funnels, doughnuts, pyramids, lines, space, points, round bars/columns, and other refined chart types
- Gradients, coordinated color palettes, overlapping elements, markers, grid/data guidelines and other sophisticated design options
- 3D views in which you can save the perspective and angle of rotation
- Intelligent bubble charts
- Sophisticated waterfall charts for presenting transitional data in diagrams
- Customizable gauges, scales and counters (*)

Very easy to use

Cockpit V6pro sports a new graphical user interface in the look and feel of the latest Microsoft application standards:

- Dockable, pinnable tool windows
- Scalable dialog boxes
- Powerful, modern property windows with integrated assistance
- Full screen mode for management dashboards. Cockpit V6pro disappears and users navigate using the action buttons. (*)
- and much more!

Using predefined “Themes” you can customize both the appearance and usability of Cockpit V6pro to resemble Office 2007, Office XP, Windows XP or Office 2000.



This is a sample report built with the Web Edition of Cubeware Cockpit V6pro. Reports built in V6pro are fully compatible in Windows and Web and have the same user interface. Thanks to the underlying Ajax technology, individual report elements can now be updated without needing to reload the entire page.

Cubeware Cockpit V6pro has further improved the interoperability between its Web and Windows editions. Ajax technology, a core part of the Web 2.0 initiative, ensures better performance, improved Web usability and highly granular updates, which means that you can update specific report elements without having to reload the entire page.

- Operate menus, scroll bars, drop-down and pop-up menus in the Web just as you would in Windows
- Open dialog boxes and help windows in front of a report – without having to transmit the entire report
- Update individual report components (not the entire report) for better performance
- Drag and drop elements in tool and layout windows
- Display background images
- View your reports in Internet Explorer, Firefox, Opera and Safari.

Cockpit V6pro Web edition will be available in Service Release 1.

Vital access to source systems

Cockpit V6pro now offers two new classes of DataViews to provide wide-ranging access to key business information.

In addition to multidimensional Cube DataViews, Cockpit V6pro now offers sophisticated SQL support through SQL DataViews. Users who are fluent in MDX can also take advantage of the new MDX DataViews.

Regardless which types of DataViews you use, you can visualize them using the complete functionality available in Cockpit proV6.

Cube DataViews

Cockpit V6pro DataView Designer extends the functionality of the former (dimension) layout window. You can now:

- Duplicate report ranges including all range elements and properties
- Sort or create top-ten rankings at the DataView level to feed several visualization components with prepared data
- Many report properties (e.g. zero suppression in rows or columns) can now be specified at the DataView level.
- Incorporate new properties (e.g. double click behavior, navigation logic) per range
- Scale the element selection window

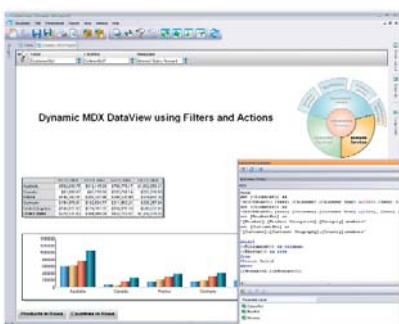


This report showing employee master data uses a multidimensional filter (upper left side) as a gateway. All other components are based on SQL DataViews, which you can define without SQL programming skills thanks to the integrated SQL Query Builder.

SQL DataViews

In Cockpit V6pro SQL DataViews replace the former drill-through functions. You can now use the integrated SQL QueryBuilder, the powerful point-and-click technology taken from Cubeware Importer, to create SQL commands in various database syntaxes with ease. Existing drill-throughs will be automatically converted.

- Create SQL queries easily using the SQL Query Builder.
- Support the full SQL syntax for a wide range of relational databases. (The former drill-throughs were very limited in this respect.)
- Leverage all the visualization and formatting options available for tables and charts when displaying relational data
- Use filters to synchronize access to relational and multidimensional sources in a single report
- Present nested views of sorted relational data in the same manner as Cube DataViews



This report dynamically displays Microsoft SQL Server Analysis Services data through a parameterized MDX Data View. You can use filters or action buttons to select the rows, columns and measures to be displayed.

MDX DataViews (**)

Although MDX is still primarily associated with Microsoft SQL Server Analysis Services, many other OLAP databases also support this multidimensional query language. The new MDX DataViews allow you to:

- Use MDX statements to directly access all databases with MDX language support
- Leverage the full breadth of MDX capabilities (including data formatting!)
- Define filters as parameters in MDX statements to synchronize MDX, Cube and SQL DataViews
- Experience utmost flexibility in selecting data or visualizing information in tables or charts
- Maximize performance in large, highly nested reports.

You can also divide all DataViews into SubViews for each report component. As a result, you can present various measures of a DataView in several tables and charts.

SubViews, which have replaced the “Grab selection for the chart” functions, are also used to select data areas for display in waterfall and bubble charts.



This executive dashboard visualizes sales, finance, personnel and enterprise KPIs using a variety of charts that are color coded to mark the respective aspect of business. Behind the scenes, a selection box in each chart offers the user a selection of DataViews that, in turn, access data in several cubes, which may even reside in separate databases. The user can change the placement and size of each component at any time by drag and drop.

View multiple cubes in one report

Cubeware Cockpit V6pro offers many enhanced features for creating and working with reports and dashboards:

- Add multiple DataViews (Cube, SQL or MDX) to one report (*)
- Integrate information from multiple cubes, databases, files or other sources in a single report(*)
- Assign multiple DataViews to a table or chart (*)
- Swap DataViews with a few clicks of a mouse (*)

Variety of enhanced features

Advanced permissions (access rights)

- Granular (non-implicit) permission concept with many new permission types
- Easier administration through the introduction of roles. Users and groups are assigned roles which have specific permissions
- Inheritance of permissions in folder and report structures
- Automatic conversion of existing access rights to the new permission concept.

Further filter features

- Central setting of all report filters in one dialog box.
- Free placement of filters in filter bars in a report
- User-defined dimension and static filters (in addition to the automatic dimension filters for ad hoc analysis)
- Filter values can be used as parameters (e.g. titles, image names, SQL/MDX parameterization, external control of child containers and script DDLs)
- Iteration across selected filter values during exports and printing
- Customized reports without duplication. (Filters can be personalized to note the current settings of individual users without having to save the report or create report copies.)

Additional actions

- Filter actions to synchronize components within a report
- Free placement of action buttons in action bars in a report
- New action types to trigger printing and exporting of reports
- Additional parameterization (e.g. static parameters) available for all action types

Improved printing

- Printing of dashboards with filter iteration and long tables as appendixes
- New Print action as a button and/or context menu entry

Enhanced exports

- Zip results of ad hoc and local exports with the option to send local exports by e-mail
- Ad hoc and local exports in PDF format (until now PDF was only available for automatic distributions)
- Export to Microsoft Office 2007 (in Cockpit V6pro Service Release 1. The initial release only supports CSV or XML exports to Excel.)
- Exact control of which filters allow iteration during export
- New Export action starts ad hoc exports from a button and/or context menu entry
- Export templates are stored in the report environment where they can be accessed from all Web and Windows clients without further administration
- The automated distribution of reports now has a navigator view with a folder structure and uses a job concept that closely resembles the one in Importer
- A job is scheduled and contains one or more exports with distribution. Designated users can receive e-mail notifications after execution.
- Parallel execution of multiple export jobs in the Team Server.

Virtually automatic migration

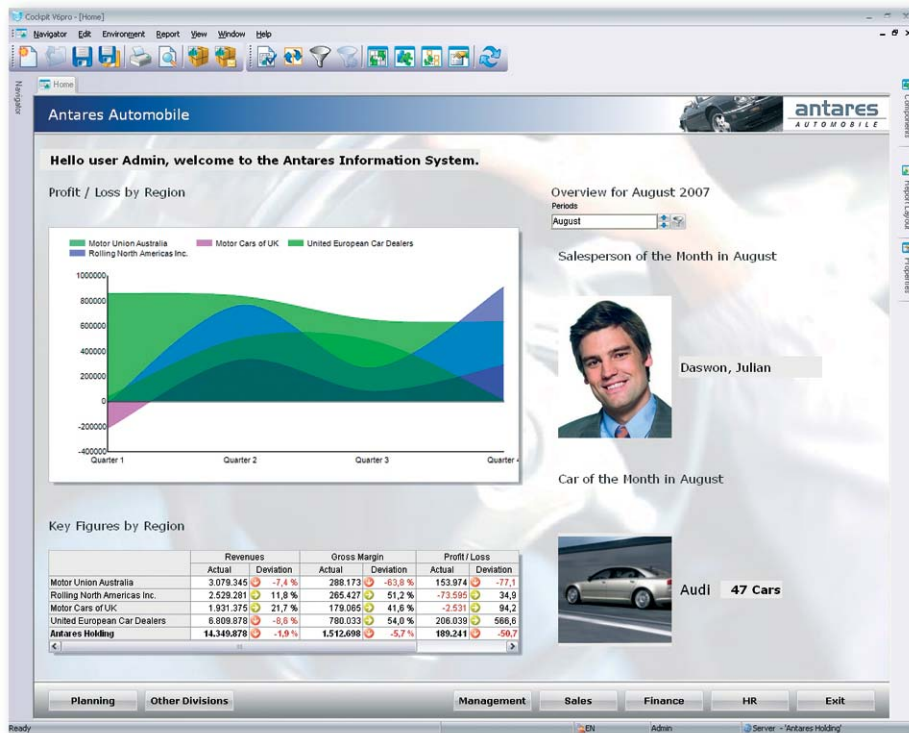
If you are upgrading from versions 4.0 or 5.0, Cockpit V6pro will automatically convert the entire report environment – including defined users and groups, folders, access rights – to the new XML-based storage format. Specifically, V6pro will:

- Upgrade each report and/or export definition the first time it is opened in the new cockpit.
- Map all existing chart properties to the equivalent settings in the new charting components. The new and improved appearance is immediately visible.
- Convert SQL drill-throughs to tables in SQL DataViews. Please read the online help and release notes for further information on report migration.

Please note: Analysis Tree reports are not available in Cockpit V6pro and will be relaunched in a new and much improved format in a future release of Cubeware Cockpit V6pro. If you have reports containing analysis trees, they will simply not be displayed in the initial release of Cockpit V6pro.

(*) and (**):

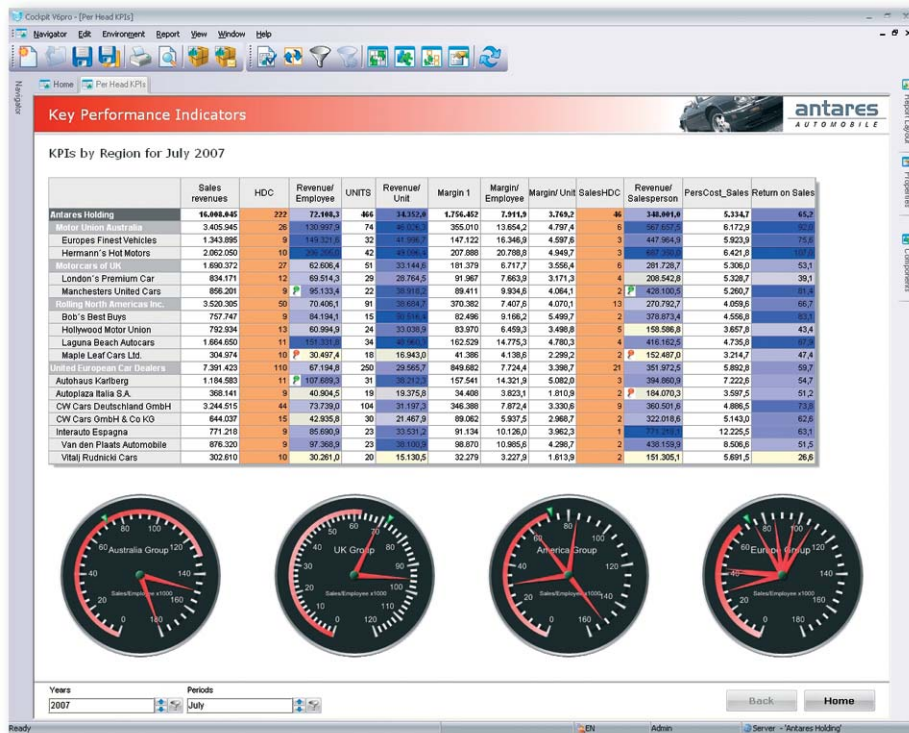
These features are part of the chargeable Cubeware V6pro “Multi DataView” (*) or “MDX DataView” (**) feature bits. Contact Cubeware for more information on pricing. All other features and enhancements described here are available free of charge to existing customers with valid software maintenance contracts.



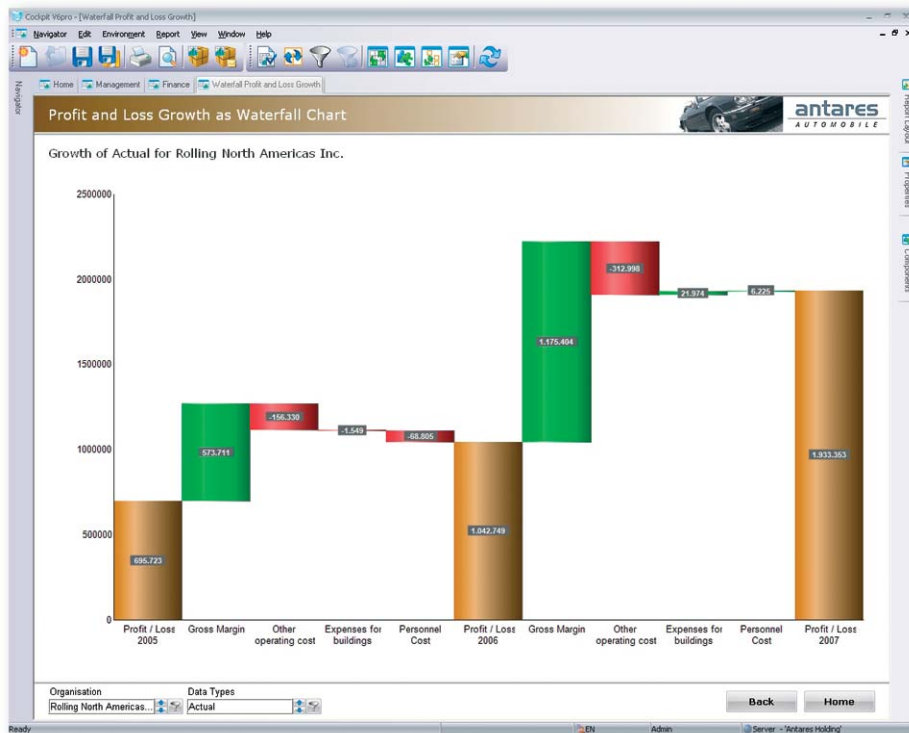
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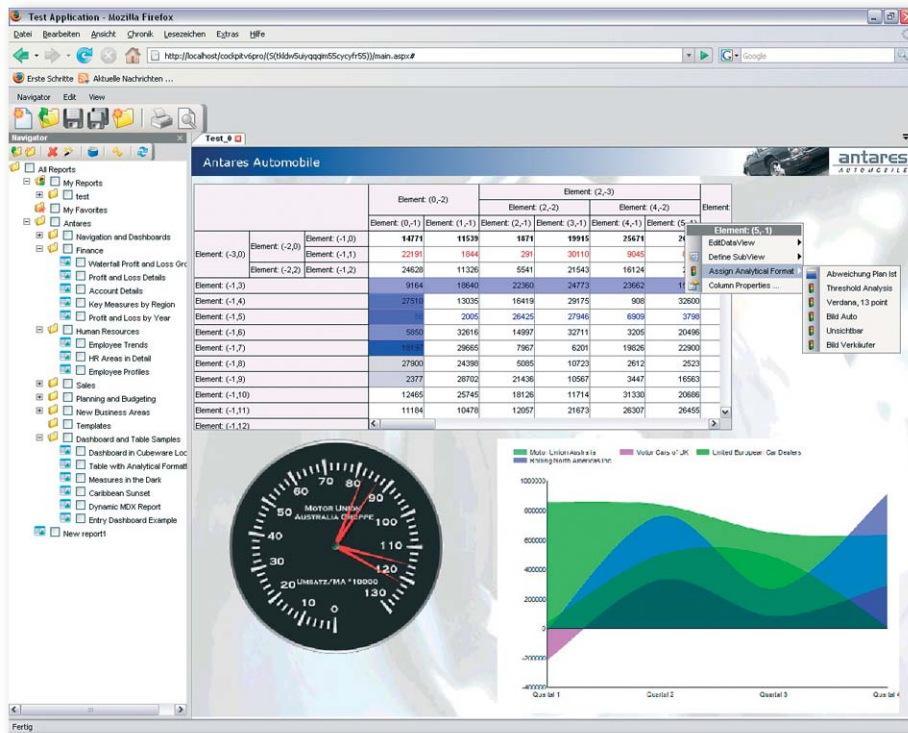
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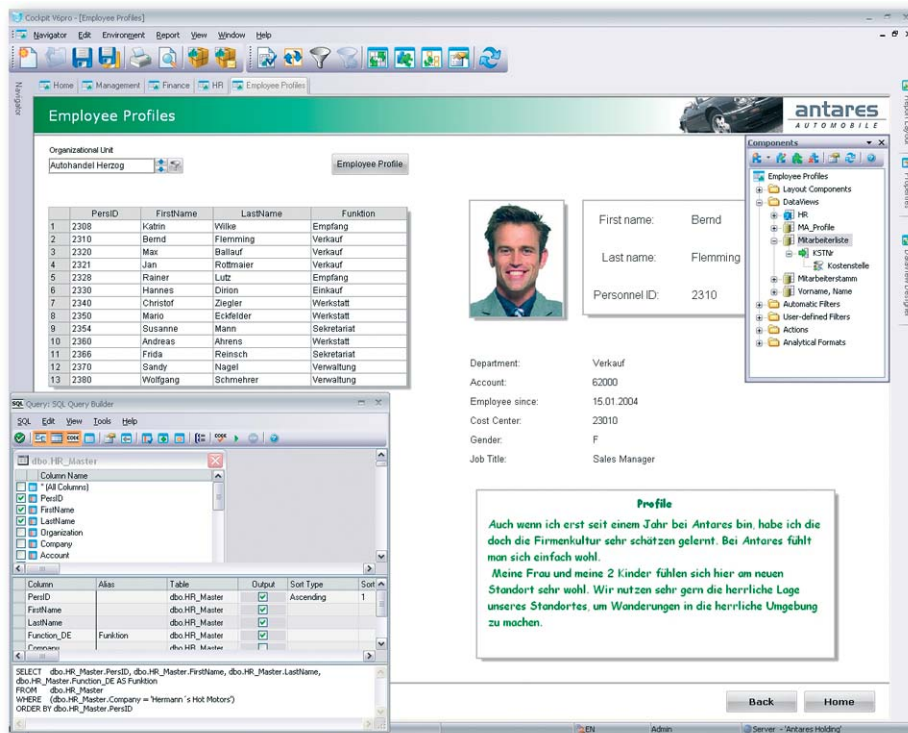
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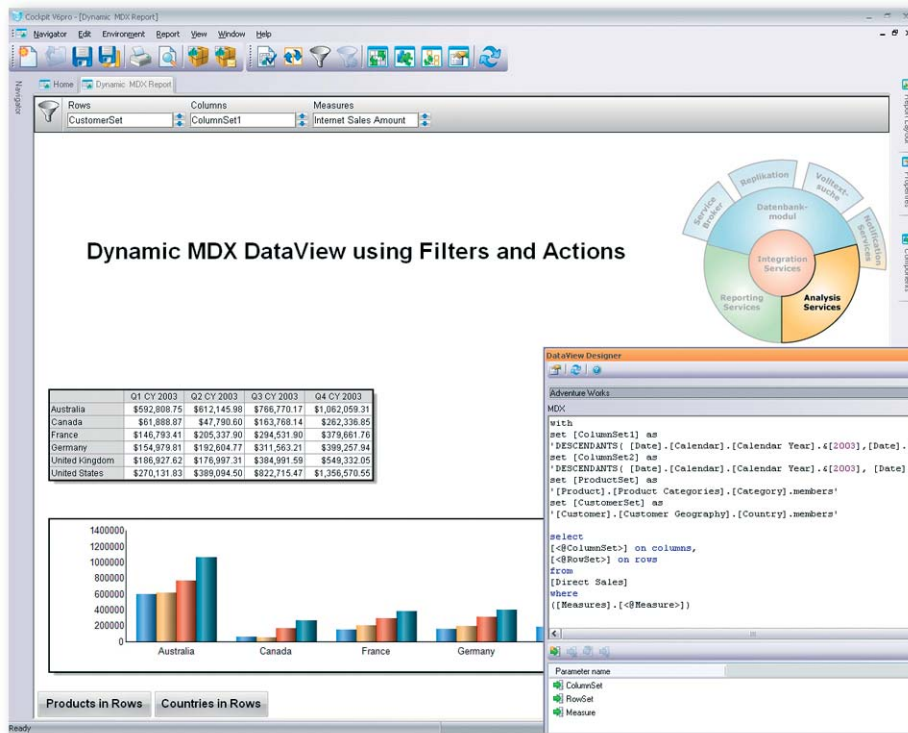
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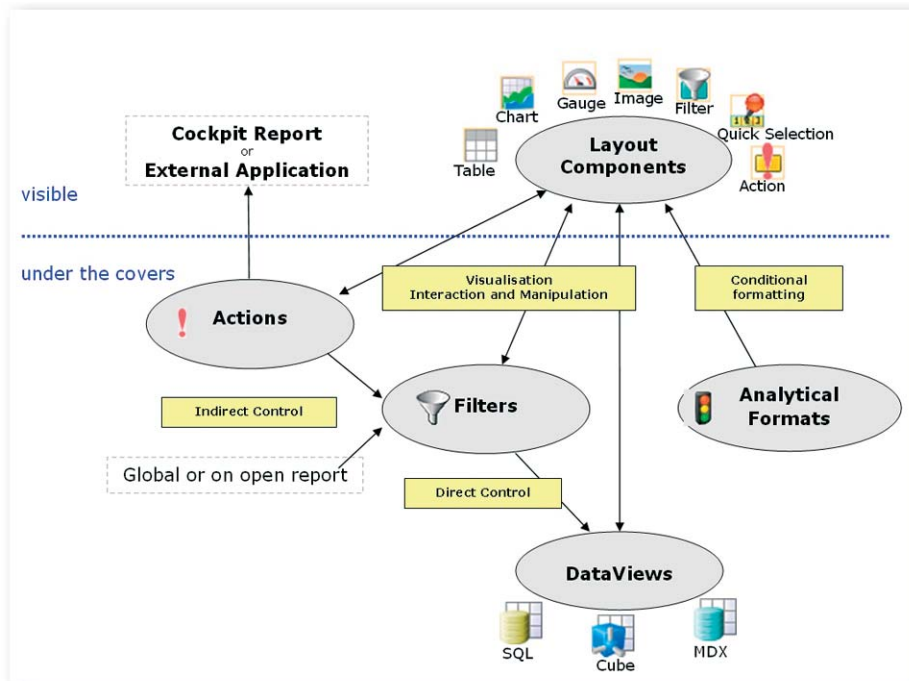
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The component architecture of a Cockpit V6pro report