Deutsche Bank
Equity

Autobahn

Equities
User guide

http://autobahn.db.com

Autobahn

Autobahn is Deutsche Bank's award-winning electronic distribution service.

Since 1996, Autobahn has been connecting clients to Deutsche Bank's innovative Capital Markets products and insights. Having started life primarily as an execution tool, Autobahn now provides electronic access to services harnessing our Sales, Trading and Research expertise and, ultimately creates an integrated experience with our voice services.

Autobahn is a simple, intuitive and consistent way for you to:

- Gain unparalleled access to Markets and Liquidity
- Electronically trade quickly and easily
- Intuitively access Deutsche Bank's powerful analytics and published content

Autobahn. Evolving Intelligent Trading.

http://autobahn.db.com

Insight is Deutsche Bank Global Market's electronic Decision Support service.

Through Insight's simple and intuitive features, you now have access to Deutsche Bank's (DB) Equity analytical tools.

Quickly find the right decision support tool or published content across multiple asset classes to assist you in making the intelligent choice.

The key services are organised into; Summary views by asset class (including Trading desk commentaries, company and economic DB Research and Benchmark data), Market Data, Calendar of key corporate and specialised product events, Charting and Tools for analysing trades or portfolios.

Insight Equities Tools have been designed to offer a rapid overview of pre-trade positions for baskets, algorithmic trading, charting and an interactive tool to allow you to optimize your portfolios.

Getting Started

How do I access Insight?

- Type http://autobahn.db.com into your web browser
- Enter your email address and password
- Press Submit

Figure 1.1 shows the resulting GPS main view

Note: For access issues, contact the dedicated Insight Support desk (the numbers appear at the end of this guide)

Fig. 1.1 Insight main view

Navigation

- Use the left-hand navigation menu to select Equities (see Figure 1.2)
- Within each asset class, select a tab at the top of the page to access the data (as shown in Figure 1.3)
- If you move between the asset classes, the browser will display the current tab selected

If a tab is not active for that given asset class, you will be redirected to the Summary tab

Fig. 1.2 Accessing the Equities asset class

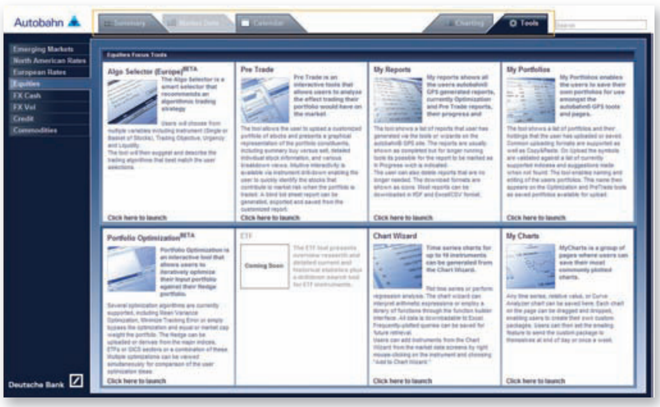

Fig. 1.3 Navigating through the asset class data tabs

Summary

The Equities Summary page contains all significant market information in a simple one page interface, including:

Top Research

– Our latest Top Research by region and also aggregated within the All tab

Trader Commentary

– The latest commentary over the last 24 hours including Axes and desk updates

Select a comment to view the information in more detail (see Figure 1.4)

Macro Strategy Research

– The information is conveniently presented in regional tabs

Calendar

– A view of the latest corporate events

Selecting the Multi-day View button will launch the full Equities events Calendar

Major Indices

– Exchange prices, delayed by 15 minutes

Economic Publications

– Select the PDF icon to access the latest Global Economic Perspective and the World Economic Outlook

Most Actively Searched Companies

– A listing of the top company searches in our Global Markets Research (http://gm.db.com) website

Right click on a stock to access a Price Chart and the Company Research (where available). See Figure 1.5

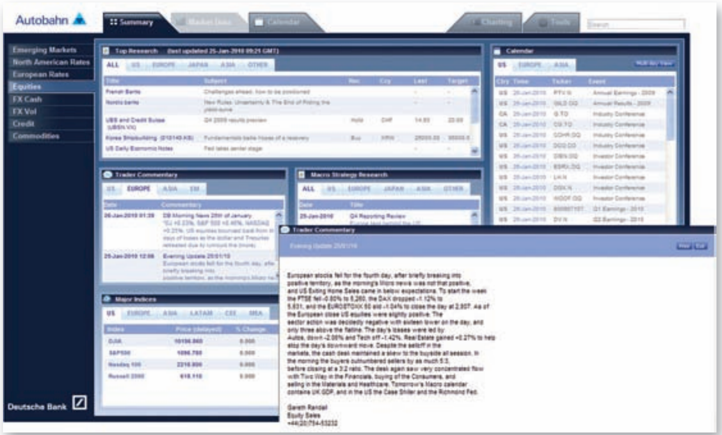

Fig. 1.4 Reviewing a Trader Commentary in more detail

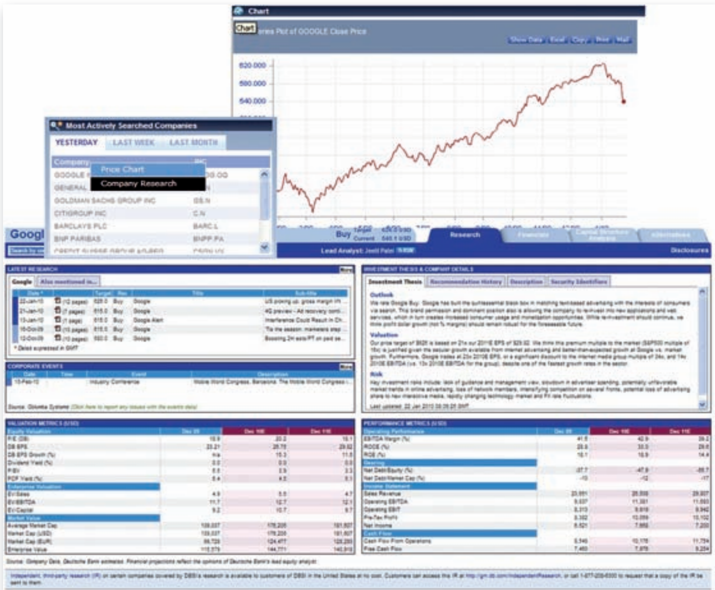

Fig. 1.5 Most Actively Searched Companies: Accessing the Price Chart and Company Research

Calendar

The Equities multi-day view Calendar, displays corporate events by Day, Week or Month.

To access the events:

– Select the Calendar tab

– Choose the region from the drop down menu

– Select your viewing mode e.g. Day, Week or Month

  To navigate forwards and backwards use the < or > icons

  In the Week or Month mode, if you have used the links to move forwards or backwards, use the Today button to revert back to the latest view

– Event times are localised to your current time zone

– Click on an event to view further details (see Figure 1.6)

– To perform a search throughout the results, enter your criteria in the Filter field

  Select the X to clear the Filter

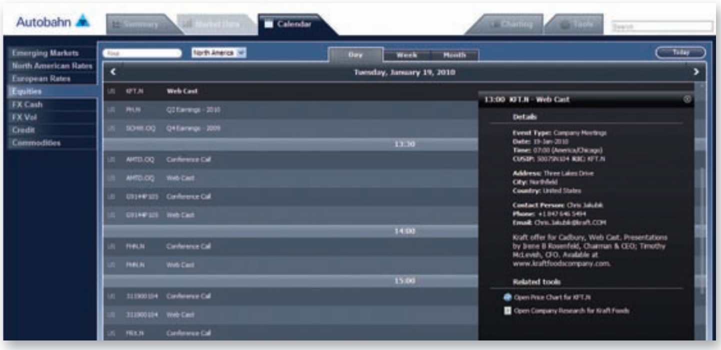

Fig. 1.6 Reviewing an event in more detail in the Calendar

Charting

The Insight Charting functionality provides you with a whole suite of charting tools to accommodate a range of graphical requirements.

Creating a chart from the Selector menu

– Select the Charting tab

– In the Selector window, choose the asset class

– Select the Product/Issuer/Currency type

  The Selector illustrates your chosen categories at the top of the window (see Figure 1.7)

  If you wish to go back to a previous category, simply click on the heading from the summary view at the top of the window

– From the Instrument panel, select the details

  If you select more than one instrument, click the Add to Basket icon

  Alternatively, select Plot Wizard at this stage to go straight to the chart

– Beside each instrument in the Basket, you can select the data series to be plotted, alter the configuration (left or right axis) and determine whether to remove or show it in the resulting chart (see Figure 1.8)

– Press Plot Basket

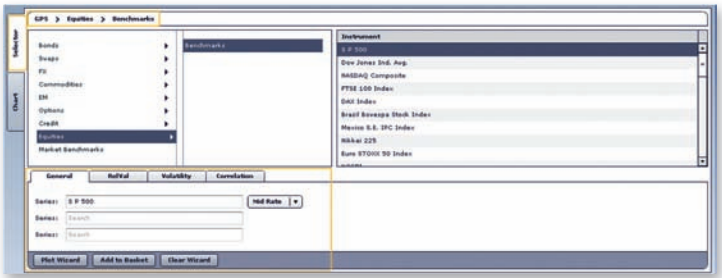

Fig. 1.7 Searching for instruments using the Selector menu

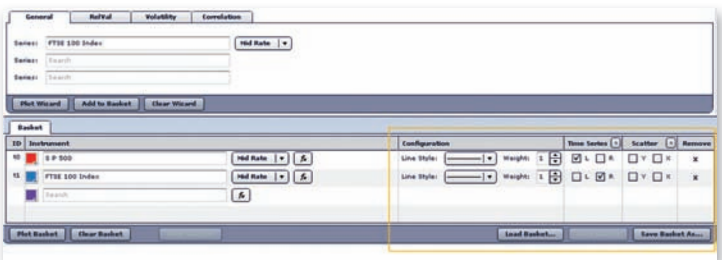

Fig. 1.8 Configuring the chart settings

Charting Continued

Figure 1.9 shows the resulting chart which can be annotated, downloaded to Excel, copied and pasted to another application, printed, emailed or you can elect to view the data points (in a summary window). To revise the instruments selected in the chart, simply select the View Selector button or overtype the information.

Creating a chart without using the Selector

- In the Selector tab, enter the search details in the Series section (see Figure 1.10)

  For example, if you wish to find the DAX Index, type dax in the Series field and the system will find the associated instrument

  For more information on charting, refer to the Insight Charting User Guide

Fig. 1.9 Viewing the resulting chart

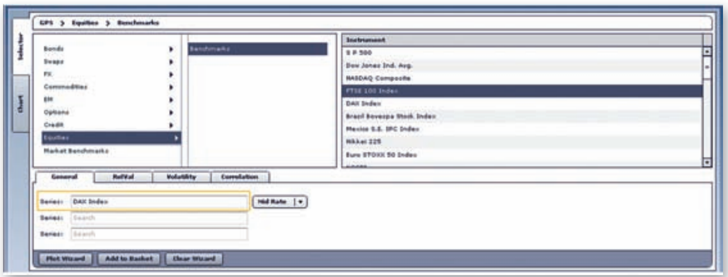

Fig. 1.10 Performing a search for instruments in the Series field

Tools

The Equities Tools page has been designed to offer you a toolkit to rapidly analyse pre-trade positions, optimize portfolios, select appropriate trading strategies and plot charting data.

Algo Selector (Europe)

– Enter your chosen variables into the Input panel and press the Suggest Algorithm button. The tool will suggest and describe the trading algorithms that best match your trading objectives (see Figure 1.11)

Refer to the Insight Equities Algo Selector User Guide for more information

Pre-Trade Analytics

– Quickly gain an understanding of your portfolio structure by uploading your stocks into the tool. Analyse the information using our intuitive filters and aggregation interface whilst powerful charting provides insightful portfolio structure visualisation. Click on the report function to convert your analysis into a blind bid-sheet (see Figure 1.12)

My Reports and My Portfolios provide you with additional tools to manage your portfolios and view the most recent reports run from Insight

Refer to the Insight Equities Pre Trade Analytics User Guide for more information

Optimizer

– Optimize a portfolio against another hedging portfolio using several optimization algorithms including; Mean Variance Optimization, Minimise Tracking Error or simply bypass the optimization and equal or market cap weight the portfolio (see Figure 1.13)

Refer to the Insight Equities Portfolio Optimizer User Guide for more information

Fig. 1.11 Algorithm Recommendation Card (Europe)

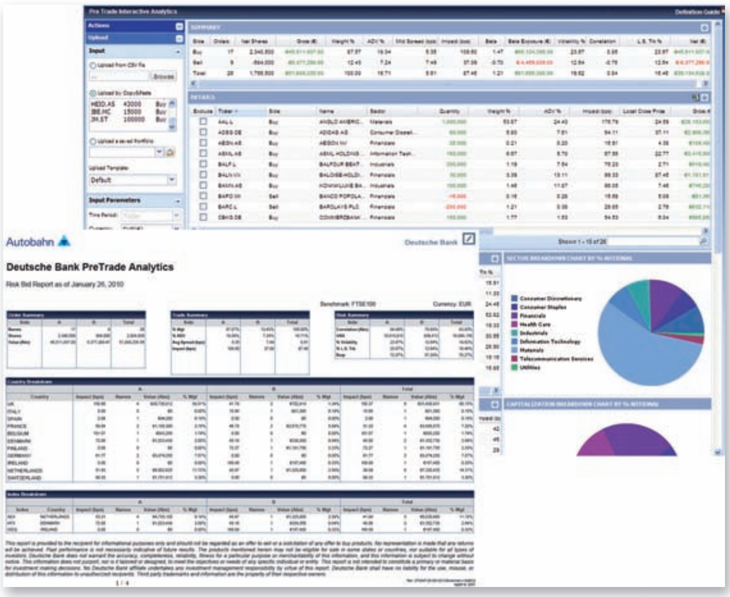

Fig. 1.12 Downloading a blind bidsheet report from the Pre-Trade input screen

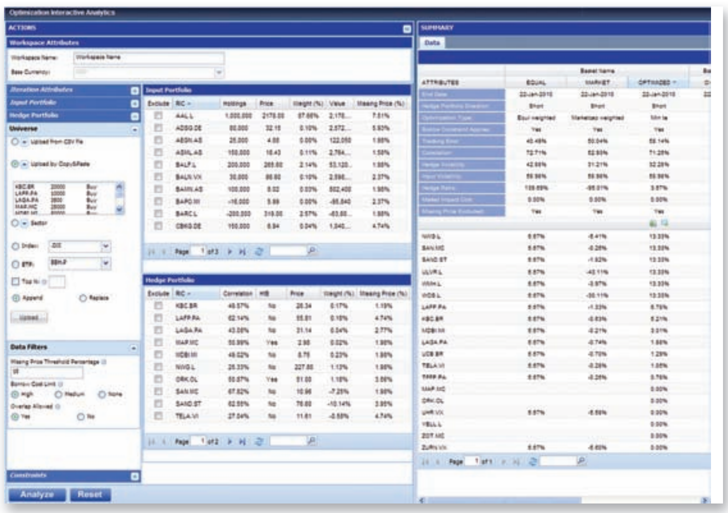

Fig. 1.13 Portfolio Optimizer Tool

Tools Continued

MyCharts

– Charts can be saved and stored to existing product pages or your own pages. Print a PDF report of your charts from the MyCharts page or, elect to have an email report sent to you each day or weekly (at market close) (see Figure 1.14)

Create a chart

Select the Add to MyCharts icon in the chart window

Choose the Add to Page option from the drop down menu or, select Create New Page

Enter the Chart name

Navigate to the MyCharts page

Use the drop down menu to load the required Chart Page

Charts can be dragged and dropped to different locations on the page (ensure that you select Save Layout to store the configuration)

Click the Print to PDF icon to create a report

– Alternatively, to receive the chart reports via email:

Select E-Mail Settings from the menu (see Figure 1.15)

In the MyCharts Package Content window, select the packages to be included in your report (and also the order in which they should appear)

In the MyCharts Package E-mail section, select the Send Email option and choose your frequency settings

Finally, press Save Settings

The email chart reports will then be sent to you on the day selected at market close.

Fig. 1.14 Add to MyCharts function

Fig. 1.15 Setting the email options for MyCharts

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