

Latest issue >>**ARTICLES BY CATEGORY |**

- [News Items](#)
- [News Analysis](#)
- [The Daily Open](#)
- [Opinion](#)
- [Trading Technologies](#)
- [Trading Floor Technologies](#)
- [Infrastructure Technologies](#)
- [High-Performance Computing](#)
- [Connectivity](#)
- [Open-Source Technologies](#)
- [Operations and STP](#)
- [Staffing](#)
- [Compliance Technologies](#)
- [Exchange Technologies](#)
- [Special Reports](#)

SITE NAVIGATION |

- [Latest issue](#)
- [Archive](#)
- [Special Reports](#)
- [Subscribe](#)
- [Email alerts](#)
- [Free trial](#)
- [Events](#)
- [Webinars](#)
- [White Papers](#)
- [DWT 2008 Event Audio](#)

RELATED PRODUCTS |

- [Waters](#)
- [Buy-Side Technology](#)
- [IMD Reference](#)
- [Inside Reference Data](#)
- [Inside Market Data](#)

12 Oct 2009

Vol 6 No 21

TRADING FLOOR TECHNOLOGIES**Panopticon Eyes EX Update**

LONDON-Data visualization platform provider Panopticon Software expects to release version 5.3 of its Panopticon EX offering on Nov. 5 with a quick followup release of version 5.4 of its Panopticon Developer (PD) software development kit (SDK) on Nov. 23, *DWT* has learned.

"In the new EX release we are adding new visualizations to work alongside the treemaps and the horizon graphs that we launched earlier this year," says Willem De Geer, managing director of Panopticon. "Prior to EX, we only did heat maps and were known as the heat mapping vendor. Now we have other visualizations as well."

"In every release we tend to add more analysis capabilities and more visualizations," adds Peter Simpson, vice president of research and development with Panopticon. "The new visualizations are the heat matrix, the multi-level pie charts, also called the sunburst and the dot plot."

The vendor is also changing how the platform connects to various systems. "With an advanced front end, visualizations can be powered from several different databases. We are adding several different connectors," says De Geer. "Alerting is also becoming more in demand, as users would rather set alerts than just understand the data. For example, when you look at a certain instrument you want to be able to send an e-mail or an instant message (IM) once it hits a certain threshold," he adds.

Other new features include time windows analysis and streaming Microsoft Excel connectivity for the EX designer. There will also be enhanced analysis to provide understanding of financial datasets, ranging from pre-trade, trade to post-trade and risk management, say vendor officials.

Panopticon has incorporated support for Microsoft's Windows Presentation Foundation (WPF) graphical subsystem into PD, replacing the legacy Microsoft Windows Forms (Winforms). With this, WPF developers can take advantage of Panopticon's streaming in-memory online analytical processing (OLAP) and visual analysis features by embedding this technology into the existing platforms, explains Simpson. "We want to be able to support these clients fully," he adds.

The vendor will release two versions of its SDK as separate products: Panopticon Developer Java 5.4 and Panopticon Developer .Net 5.4.

Earlier this year, Panopticon rolled out its StreamCube OLAP data model for data aggregation, which allows platform users to visualize data in treemaps, heat maps and scatter plots. It allows users to assemble their own Web-based monitoring and analysis dashboards using a desktop authoring kit (*DWT*, March 23).

Last year, the vendor signed an original equipment manufacturing (OEM) deal with Tbricks, a provider of automated trading systems. The agreement allows Tbricks to integrate Panopticon's interactive information visualization tools into its trading platform, which is designed to support high-speed automated trading, officials said at the time (*DWT*, March 3, 2008).

"[Tbricks] wanted our technology because we provide the front end to their streaming data and then show to the end users the performance of all the strategies that are running at once," says Simpson.

Tanzeel Akhtar

[Click here for a printer-friendly version of this page](#)[Mail this article to a friend](#)**Most Recent trading floor technologies****Related trading floor technologies**[BT Preps New Soft Turret](#) 02 Oct 2009[Interactive Brokers Readies Mobile Trading Release](#) 25 Sep 2009[TradeHelm Prepares White-Label Deals](#) 01 Aug 2009[TT Readies Exchange Gateway Betas](#) 01 Aug 2009[Orc Software Readies Orc Trading Beta](#) 25 Jul 2009[IP Trade Expands Asia Business](#) 17 Jul 2009[Algorithmics Enhances Real-Time Risk Product](#) 08 Jul 2009[Citi Adopts TradeSmart, Sunsets LavaX](#) 08 Jul 2009[Ullink Expands Market Coverage via BGC Link](#) 02 Jul 2009[MetaBit Turns to Solace for Performance Bump](#) 25 May 2009