VPM has been redesigned from the bottom-up and optimized for speed, functionality, and user friendliness.

Functional Improvements

• **One-click drill-down** – from a visual map of the supply chain, a user of VPM can easily view and analyze choke points and problem areas (displayed as red/yellow nodes). This "one-click drill-down" is ultra-fast and provides a graphical method to determine the who, what, and why of issues within the supply chain.

• **One-click transition of analysis modes** – a user can quickly toggle back and forth between quality (with SPC) and tracking (line-of-balance). This is a simple and seamless method of changing analysis modes while keeping the same network and filter in place.

• **User recognition –** VPM now has automatic user recognition logic built into the application. One advantage of this feature is that a user can log out and return later with all the configuration settings intact (i.e., filter, module, and menu selections).

• **User uniqueness** – VPM allows each user to perform individual analysis within both the quality and tracking modes. The user can choose to keep the analysis private or share the analysis with other users. This would include all of the user's individual analysis settings, graphics, and filtered views (as allowed by permissions).

Performance Improvements

• The database and the graphical user interface are optimized for performance.

• Compared to the previous version, VPM is now over 40x faster in response. This enables the user to manipulate very large networks in a quick, productive manner.

• **Scalable** – large user base, easy to add additional features

• Adobe Compatible

• Cross-browser Compatible

Graphical Improvements

• **Click Events –** allows user to navigate and analyze the supply chain.

• Everything Supply Chain Network Based

• **Auto analytics –** C_{pk}, WECO Rules, Goes into reports, auto generated analysis, delinquency reports

Future Enhancements (R&D)

• **Predictive analytics –** DSI is currently designing built-in business intelligence for VPM. This includes automatic recognition of changes to individual's filtered networks, correlation of supplier production attributes to poor quality components, news scrapers of current events affecting the supply chain, etc.

VPM – Ensuring the on-time delivery of quality components throughout the supply chain.

DSI **Decision Sciences Inc.**

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