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**OBJECTIVE:** Improve QAD implementations with useful reports, browses, and Excel extracts.

**EXPERIENCE:** **June 1992 - Present. Avenue Systems LLC, Novi, Michigan.**

**POSITION:** Progress Openedge Developer through Avenue Systems LLC.

- Contract Progress OpenEdge QAD programming since 1992 through Avenue Systems LLC.
- A thorough understanding of the Mfg/Pro data schema and software functionality and the requirements of manufacturing companies. Customer and supplier scheduled orders/releasing, and EDI.
- Custom reports and browses, combining data from multiple native reports to bring data into focus, driving down manual processing time, enabling users to work more effectively.
- Excel data extracts. Pivot tables. Extracted and emailed to the requestor or submitted in batch at regularly scheduled times and emailed to a distribution list.
- QAD Reporting Framework. Custom forms such as Bill of Lading, Invoice, Purchase Order. These full color or B&W documents are visually appealing with logos, lines and shading, and signatures.
- Support of data analysis tools such as Microsoft's Power BI, combining data from multiple QAD tables into a logical, easy-to-read framework for the simpler development of dashboards.
- Support and improvement of existing OpenEdge custom-written modules and interfaces.
- Currently offering remote contract programming services at \$90 USD per hour through Avenue Systems.

**Sample Improvements to QAD:**

1. Report or Excel extract: manufactured item source country or commodity content. This is done by driving down the product structure/BOM to purchased parts, obtaining country or commodity and value from the P/O or item master/cost tables for each end-item. Other report/ Excel extracts using BOM incorporating cost, routing operations, subcontract data, etc.
2. MRP Item Reviews. Displays a clear view of all elements from multiple tables affecting MRP planned buy/build quantities. Each item's data is shown on a single line of a spreadsheet for easier comparison to similar items and to allow sorting. Separate extracts for purchased and manufactured items.
3. Nightly data audits, to search for data conditions allowed by QAD but not conforming to a company's business rules to prevent downstream issues. E.g.: items shipping soon with zero price, items to be manufactured soon without standard costs, and many more. These trigger email messages to one or more responsible parties.
4. Many improved browses to bring relevant data from multiple screens into a single frame.

**EDUCATION:** B.S. Management, Oakland University, Rochester, Michigan.  
**Concentrations:** Accounting and Finance, Computer and Information Sciences.