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**OBJECTIVE:** Facilitate the improvement of QAD installations through the creative use of solutions implemented seamlessly with Mfg/Pro. Reduce manual effort, increase accuracy, and expand functionality using Progress programming and analytical techniques developed over 15 years in Mfg/Pro environments, and additional experience with other ERPs.

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

**POSITION:** **Consultant, Progress Programmer.**

- Consulting and programming in any area of Mfg/Pro, including Distribution, Shop Floor, Finance, EDI. Familiar with major third parties such as Eagle, EAM (MLS), ACOM, and Freedom. Best practices utilized to develop solutions with the same “look and feel” as QAD, while minimizing the effect on future upgrades. MRP committees, project planning and implementation strategies. Data conversions and ongoing data integration with external systems. UNIX and Windows. Mfg/Pro versions 8.5 through EB2.1.
- Creating reports and Excel extracts. Areas: Financial (A/P, A/R, and G/L), customer and supplier schedules, indented bills, cost sets, supplier PPV at the customer item level.
- Improving QAD by filling deficiencies such as check and forms printing, positive pay, ACH, proprietary EDI, tooling management, MRO automation, UPC retail labeling.
- Reducing complexity in comparison to 3<sup>rd</sup> party alternatives by developing simple and easily maintained Progress source code. Training of internal staff to ensure ongoing stability.

Selected Accomplishments Through Avenue Systems:

**Netted \$5 million in increased revenue through the development of a customer cost recovery module enabling a major automotive supplier to cope with large increases in commodity and purchased component prices.** A custom Purchase Price Variance reporting system was developed based on customer end-items. The BOM was exploded to component and subcontract levels and used to report PPV impact back up to the customer item level, enabling successful pricing negotiations with its automotive OEM customer base.

**Contributed to a client’s successful exit from Chapter 11 in under 2 years by developing all reporting required for the bankruptcy filing** and ongoing reporting. Prepetition activity was segregated in a separate database with strict Prepetition obligation payment procedures. Many complex reports and Excel extracts were developed for all phases of the bankruptcy for court, internal, and investor reporting.

**Reduced customer pricing errors and automated anticipated historical price change accruals with a Customer PO module including both contractual and “should be” pricing.**

Customer pricing in QAD was automatically updated with new P/O prices. Accounting accruals for anticipated retro-bills were generated with a report comparing invoice to “should be” prices.

**Developed a custom A/P Aging** allowing inclusion or exclusion of a list of G/L Accounts and/or Cost Centers; for example to arrive at a payables aging for trade suppliers only.

**Reduced MRO inventory levels and obsolescence for a capital-intensive manufacturing facility with heavy reliance on maintenance and repair items.** Automated MRO receiving to minimize data entry while labeling incoming parts. Increased accuracy by scanning issues from stores. P/Os and supplier visualization reports were automatically fax/emailed frequently with short-term requirements leading to receipts of smaller quantities closer to the time of need.

**Lowered costs significantly by implementing supplier-side EDI using iConnect** as an alternative to QAD’s Supplier Visualization. This was done for a leading manufacturer of appliance and automotive wiring harnesses. Utilized the services of iConnect, an IP-based EDI solution company ([www.icconnect-corp.com](http://www.icconnect-corp.com)) with much greater data formatting flexibility.

**Reduced shipping staff by 50% and eliminated errors by developing a hands-off shipping system** and implementing a bridge between the corporate EDI software and Mfg/Pro. ASNs, labels and other shipping documents were generated without any manual data entry, using wireless scanners. Reimplemented Mfg/Pro for this client from an older, non standard version.

**Increased accuracy of inventory, work orders, and scrap** through the development of a turnaround shop order packet. Barcode transaction forms and labels were printed directly out of Progress, enabling a simple solution for correct data entry and scanning of these transactions.

**Developed a packaging system with UPC labeling** for a camshaft manufacturer supplying retail-labeled products. Parts were picked and UPC labels printed so parts and labels arrived together to packaging stations in the correct order. UPC labels were printed to individual retailer specified formats with supplemental installation and safety instructions.

**Miscellaneous:** Interfacing QAD with email and fax servers, based on events/activity. Mass generation of both emails and faxes in a single execution (e.g.: P/O run). Interfacing QAD with wireless scanners, enabling access to Mfg/Pro on the shop floor. Laser checks with signature and reports with graphics, logos, lines, shading, and barcodes directly out of Progress. Meeting bank specifications for ACH and positive pay. Batch loading of exchange rates from the internet into QAD exchange rate tables on a nightly basis. Multipart invoice programming for Mexico government required forms. Direct Excel data extracts. Honda EDI approvals.

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