Bio:

Mr. William (Bill) Fletcher's background spans over 30 years in pharmaceutical, enterprise software and healthcare systems. Mr. Fletcher leverages his deep subject matter and project management experience to help solve complex business problems.

Mr. Fletcher is currently focused on pharmaceutical serialization, track and trace and anti-counterfeiting for both commercial and clinical goods. He has developed serialization, traceability (track and trace) and e-Pedigree strategy, project roadmaps, user and functional requirements, vendor selection, pilot planning and tests, validation, risk or REMS assessment and project planning for multiple companies. He has been recently helping companies implement projects to comply with serialization and tracking regulations around the world, including the US Federal Drug Quality and Security Act of 2013 (DQSA), China, EU, Turkey, South Korea, Brazil and others.

In December 2013, he will have completed his **21st** commercial serialization and traceability project for global life sciences companies. In addition, he has completed multiple related projects in clinical and commercial supply chain, electronic data interchange (EDI) and business-to-business (B2B) integration, pharmaceutical and biologic packaging automation design and execution and ERP and warehouse system enhancements.

His unbiased approach has resulted in projects involving business systems such as SAP (Aii/OER/WM/eWM), Frequentz (formerly IBM Traceability Server), Oracle (OPM/OPSM), JD Edwards, Axway, Acsis, rfXcel, Cognex, Optel Vision, Uhlmann, Körber Medipak/Seidenader, ROC-IT, TAKE Solutions, Systech, Laetus, Xyntek/Antares Vision, Mettler Toledo/PCE and others. In addition, he has experience in regulatory compliance, validation of operating systems (computer and manufacturing) in accordance with CFR Title 21 Part 11, GxP, RUP, GAMP 4 and 5, business intelligence and knowledge systems (including portals).

Mr. Fletcher has spoken and published numerous times on issues within the pharmaceutical industry, including in the US Capital Building to congressional staff and to the State of California Board of Pharmacy.

He is a member of several industry advisory groups and as such has had an impact on guiding the way organizations navigate the issues driving business strategy. He has managed teams of technology professionals and projects throughout the pharmaceutical lifecycle.

His experience in life sciences includes supply chain security, designing packaging/labeling execution systems (PES) and machine vision inspection systems, product serialization and labeling projects, barcoding, radio frequency identification (RFID), warehouse management, distribution systems, chain-of-custody drug pedigree messaging standard (DPMS) e-Pedigree, Electronic Product Code Information Services (EPCIS), Advanced Shipping Notices (ASN) and partner integration for serialization, supply chain track and trace and improving overall equipment effectiveness (OEE).

Mr. Fletcher is a long standing member of the Project Management Institute (PMI), GS1 (*traceability, RFID and barcoding standards*) and has received various industry certifications, including SAP Auto identification infrastructure (Aii) for managing encoding systems and the GS1 Certified Professional (*demonstrating a detailed understanding of barcoding and serialization standards*).

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