http://nowellgroup.com

Verity Symphony 4S Software

Supply chain life cycle , risk management software for linked distribution, service delivery & connected facilities

http://nowellgroup.com

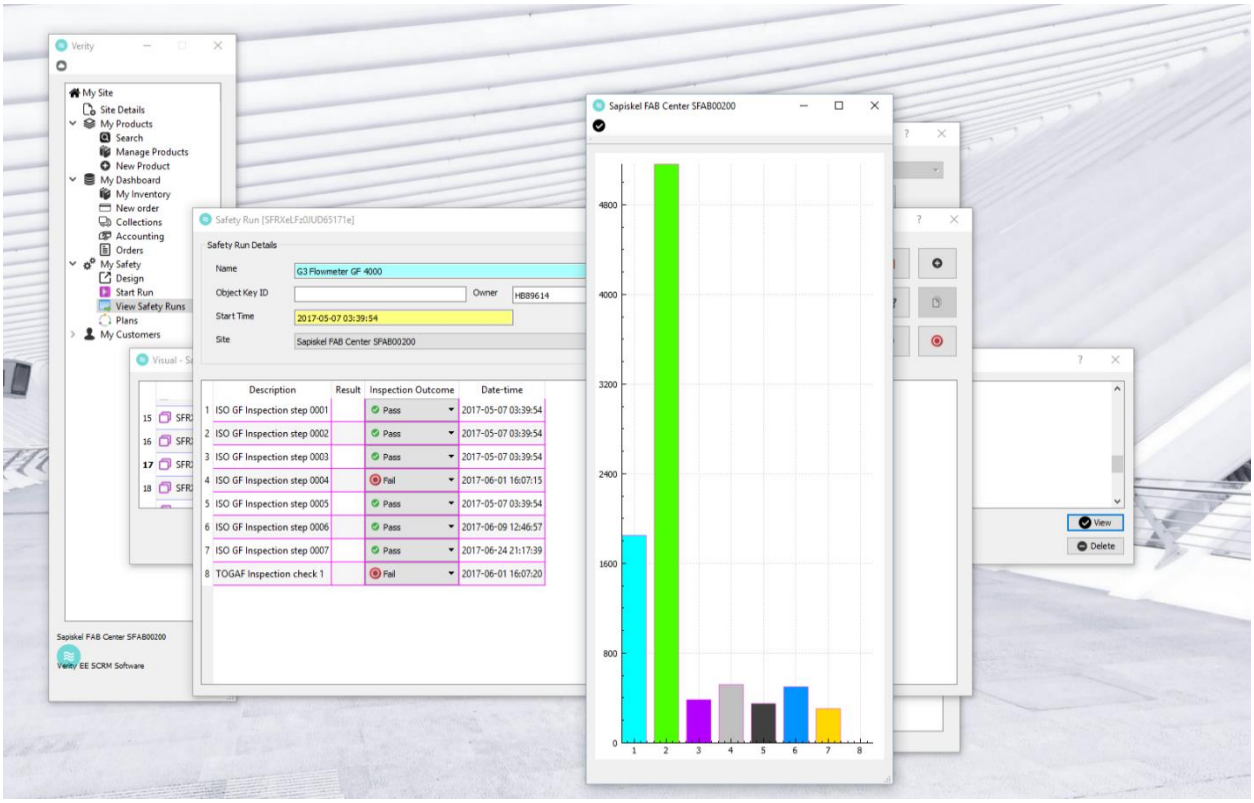
Supply chains are responsible for creating, assembling, processing products that can be packaged and, distributed and sold or used in the open market. Factories, assembly plants and manufacturing facilities are in many cases the prime center where value is created and made ready for distribution.

Nowell Development
support@nowellgroup.com
http://nowellgroup.com

http://nowellgroup.com

Traditionally we have managed supply chain facilities using manual processes and methods which has to some extent proven useful

However with the availability of cloud and distributed software, we can increase the level of efficiency, safety and availability of factories and facilities transforming them from cost centers to a strategic value creators. The difference lies in information. Tracking the key metrics and key performance indicators (KPIs). It is difficult to use a cookie-cutter approach to facilities management, because each facility is different. Each facility or factory generates output specific to that industry application and the products and the use cases are very different; there are four pillars of supply chain risk management that we can discuss briefly



http://nowellgroup.com

Availability Management, Service delivery:

We want to deliver services and meet demand in an efficient fast manner, optimizing our inventory. Do we know what we have in each of our global worksites? Do we know what all our product classes are? Do we know how many we have in each site, and how can we be informed if we are

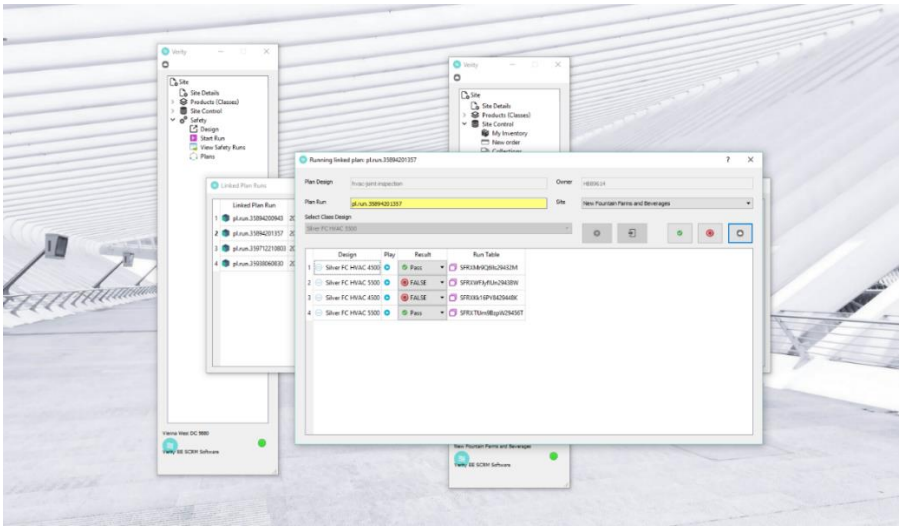
running low? How can we be informed to transfer some merchandise from one factory or facility to another? Lastly can we search our global supply chain for what we need? Each of these questions presents opportunity for improvement, which translates to less waste and fiscal loss. Also do we know what we really need versus what we don't need? Software solutions should provide visibility to site inventory, also visibility can be granted to trusted third parties so they can participate in the agile operation.

Risk management and quality inspections:

We need to be able to setup safety design steps for each type of product class and from time to time we can run inspections to assure that each critical equipment in the facility or factory is operating at the optimal level, and undergoes the right kind of repair and maintenance, resolving defects. For manufacturing facilities, for example if we have a boiler, then a safety design flow needs to be setup for the boiler so that it can inspected and tested and repaired if need be. Also same thing for generators, or wires or the lighting. All these can be mapped into the flow safety design inspection digital workflow for any of the classes and the idea is that the inspections will be run from time to time and the results will be logged accordingly proving full visibility to the entire supply chain team. That way we repair items before they go damaged or offline, minimizing down time and disruption

Financials and Asset management:

Concerns the financial health of our supply chain operation. If we are spending more than we are making, then we are operating at a loss. If we have more assets sitting in inventory, than we have assets moving out of our inventory, then we could be building up our net losses. The goal is to keep a net flow where the net spend on assets and inventory is less than the assets being sold or being used in the factory. All assets should be producing and not sitting idle, and thus producing, i.e. reduce non-productive time of facilities, or objects



http://nowellgroup.com

3 tiered strategy to maintain and closely monitor critical components

For highly critical equipment and infrastructure, we should pay closer attention to those parts. Also we can setup safety design inspections for the critical components, and then have 2 or 3 separate inspection runs to be performed on the critical equipment. In other words for more critical components we employ a more strict, 2 or 3 tier inspection risk management strategy. If one person did not catch an issue, it will be caught by the second inspection run; if the first 2 runs missed the issue, then the 3rd should catch it. Our software provides the framework to tier inspections for different classes and link them to specific objects; employing these strategies will reduce risk of critical failures

Nowell Development, develops, deploys and implements Verity Symphony that addresses these requirements in an elegant fashion. Our easy to use software provides solutions for multisite, multiuser facilities management; it supports flexible logistics, and movement of objects from site to site, keeping track of relative financials, and notifications to the team. In addition the software provides a rich generic platform for supply chain risk inspections across multiple sites, multiple users and geographically distributed facilities, reducing waste and non-productive time. Manage operational risk, avoid performance issues using software to provide adequate coverage and boost service deliver. Our software solutions can be hosted on premise or on your public cloud of your choice, including Oracle Public Cloud, Amazon EC2, Hostway, or Microsoft Azure. Currently our solutions use Linux 6 and MySQL or Oracle 12c database. Contact Nowell Development support@nowellgroup.com , www.nowellgroup.com for a consultation on how we can use our software to help you implement a comprehensive, cost-effective agile supply chain risk management solution

"Give thanks unto the LORD, for He is good, and His love endures forever", Psalm 107:1

INTEGRITY ABOVE PROFITS