WT Microelectronics Adapts BPM for MRO Process System

About WT Microelectronics

WT Microelectronics Co. Ltd. is a leading professional electronic component distributor. In terms of revenue size, it is the second largest electronic component distributor in Taiwan. The company was founded in 1993, with capital size of NTD 2.5 billion, and the operating income has reached NTD 42.1 billion in 2009. The headquarters locates in Taipei, Taiwan, and the territory has been extended to greater China, Singapore, Malaysia, Thailand, India and Korea.

WT Microelectronics' Great IT Partner - AboveE Technology Inc.

With mass branch offices, and lots of business partners around the world, in order to increase the operation visibility, reduce the cost of data exchanges, raise the response time to the business partners, and control the merchandise delivery time and status, WT Microelectronics adapted Power Link (B2B Information Exchange Platform) from 【AboveE Technology Inc.】, which supports international industrial standard – both RN (RosettaNet) and AS2 (Applicability Statem]ent 2). Furthermore, 【AboveE Technology Inc.】 assisted WT Microelectronic to design and implement BPM (Business Process Management) system using Power Process BPM Suite. Afterwards, the company developed various applications including EIP (Enterprise Information Portal), OA (Office Automation), expenses claim, business travel request, business travel expense claim, and attendance/absence management systems on the BPM platform. The complex back-office process can then be developed and managed in a uniform and unambiguous way and the manageability has been substantially improved.

The Challenges of Traditional MRO System

Then WT Microelectronics also found that, MRO (Maintenance, Repair and Operation Supplies) purchase request and purchase order operations are not belonged to regular daily operations. Therefore, it was easy for employees to make mistakes or losses, while the employees were not familiar with the process, regulations and limitations. In other words, it required the procurement department or accounting department to spend a lot of time and manpower to check and ensure the correction of data input and processes, and that made the whole processes of purchase request and purchase order tedious and inefficiency. As a result, the enterprise' regulations and management for purchase request and purchase order became difficult to manage, hard to track and audit, and inconvenient to provide statistic reports.

The MRO Process System

Hence, WT Microelectronics again adapted Power Process BPM Suite from 【AboveE Technology Inc.】 to implement a "MRO Process System", that including purchase request processes, purchase order processes, goods receiving and inspection processes, as well as process tracing and reporting functions. Once the purchase request form is filled up by a requester, the system starts a series of process automation, for example, it sends the completed purchase request form to the requester's supervisor for approval, transfer the purchase request into purchase order after approval, and then sends it to purchasing supervisor for approval after the purchasing staff completes the purchasing document by required data, and the purchase operation will be processed after the approval. Until the purchasing department finishes the goods receiving and inspection, and the requester receives and confirms the inspection, the purchasing operation is completed by then.

In the whole process, the system combines different purchase request forms into one purchase order form, and so as the receiving process, the system combines several purchase order items into one goods receiving form, in order to centralize all the process for purchasing staffs. Furthermore, the system can list all the purchase request items which have not yet purchased, so the purchase staffs are able to know how many work items need to be handled by using the query and management function.

Process Automation Makes Efficient Operation

Under the assistance of 〖AboveE Technology Inc.〗 WT Microelectronics has a well-implemented "MRO Process System". The system has complete operational functions and workflow automations. The system not only simplifies the purchase request and purchase order process operation, but also lists the work-in-process items clearly. Moreover, the centralized purchase order operation can be handled and managed easily, and the operational cost can be lowered as well. At the same time, the employees clearly understand the company's regulations and rules through the system, the management is easier to implement, and the process of purchase request and purchase order is uneasy go wrong. These benefits significantly shorten the whole process and make it easier to trace and audit for purchase request and purchase order operations.