A Resource Management Software Reduces Turnover to Augment Profitability & Productivity by David Hog

Article published on May 22nd 2012 | Software

An integral part of the management function is to plan and control the operations of a business. Comprehensive resource management software motivates and reduces resource turnover resulting in a boost to profit. Good software can take the guesswork out of planning and arrive at mathematically optimum solutions in terms of workforce deployment.

The preparation of resource scheduling is a difficult task, particularly for businesses with variable demand and multiple shifts per day. Mathematically, the problem involves many permutations and combinations in matching the requirements of the firm with the skills and preferences of resources. If their management is not performed well, resource fatigue deteriorates driving down alertness. Workers become frustrated, their motivation drops and they leave the firm. The newest computer tools can greatly improve this situation.

The software helps management calculate how many resources are needed, where they are needed and when they are needed. Similarly, scheduling workers to cover a shift requires calculating the correct number of workers needed for the shift and the best workers for the shift. In addition to unnecessarily high resource turnover, bad scheduling can also result in compliance conditions not being met, under-staffing, over-staffing, excessive overtime, poor product quality and overall low productivity. These factors all combine to produce unnecessarily high resource costs placing a drag on profitability.

Most of these tools start with a resource forecasting module. This tool, in turn, is driven by forecasts of product demand. Product demand forecasts are used to calculate a production requirement. The production requirement is detailed on a disaggregated time basis. Most tools product a production requirement not only on a monthly weekly and daily basis but also down to an hourly output. Smaller time units provide greater scope for management to spot undesirable variances and take corrective action.

Resource planning can be a very time consuming task for management. Once a resource schedule is set, any change, even a very small change, can involve many valuable management hours to produce a revised schedule. Efficient resource management software can significantly decrease that time burden.

These tools can evaluate, design, detailed shift schedules for all manpower requirements. Some software tools specialize in shift work operations helping managers to transition from 5 to 7 day operations and improve employee work-life balance.

Many tools use sophisticated, predictive algorithms to generate that all-important labour forecast. With a simple click, the algorithms predict the number and type of employees required to meet forecast demand.

In conclusion, resource forecasting tools help managers plan accurately. A robust plan helps reduce over-staffing, control resource costs and keep costs in line with budget. An accurate plan can also improve workforce productivity. By the same token, accurately forecasting or anticipating demand helps to avoid under-staffing and therefore not having enough people to get the job done. Take the next step. Effective resource management software motivates and reduces resource turnover. Eliminate the guesswork in resource scheduling. Create an optimized workforce plan. Use trusted technology that matches your IT resources, budget, payment preferences, and simplifies integration

across your organization so as to lowers labour costs.

Article Source:
http://www.articleside.com/software-articles/a-resource-management-software-reduces-turnover-to-augment-profitability-productivity.htm - Article Side

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David hog is a renowned software consultant who has been providing his services to organizations for their processes pertaining to business applications. After evaluating several scheduling systems the author suggests, eResource Scheduler a an efficient resource management software by Enbraun. This a collaborative resource management toolwhich can also be used to schedule & plan employees / staff and other custom defined resources.

Article Keywords:
resource management software, resource management tool, resource management application, resource planning software, resource planner, resource scheduling software, resource scheduler, resource scheduling program, resource planning tool

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