

applied
innovative
commercial



NSP - Job Tracking System

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Network Service Providers (NSP) offers a range of network services to their clients. These services include wiring and equipment installation and may be subcontracted out. As the company grows they are finding it increasingly difficult to keep track of the work they are doing and its profitability.

The project software addresses these issues by managing the information flow through the company from the time a new job is initiated as a quotation until it is completed. For each quote the system holds information about the estimated costs and the parts and labour required to complete the work. When the estimate is accepted a project manager is assigned and a job created. The software keeps track of the materials that need to be ordered and the labour items that need to be completed. It also manages staff scheduling by assigning people to each task according to their availability and workload, and outsourcing when necessary.

To address the profitability issue the software keeps track of the costs of the parts and labour involved, producing numerous reports on the financial status and personnel utilisation.

The software is a web-based application written in PHP with a MySQL database. It provides three levels of access: administrator, staff, and customer. All of who can access information about the jobs with which they are associated.

This application will undoubtedly become a mission critical application for NSP once it moves into production.