



# PDC StaffPlan

Workforce Management  
Health

PROLOG  
DEVELOPMENT  
CENTER

# PDC StaffPlan

## in Health



The very nature of medical staff scheduling demands the utmost efficiency when it comes to managing rosters for physicians, nurses and other personnel at hospitals and nursing homes. With many positions, functions and skill requirements to meet, accounting of work hours, off hours, budgets, training, tutoring etc. there is need for an intelligent and comprehensive decision support system - especially when the number of staff reaches hundreds and even thousands of employees, operating 24/7.

PDC StaffPlan allows every medical staffing demand to be met. Whether there are two or three shifts to cover in each 24-hour cycle, and taking into account the individual needs and preferences of each staff member. PDC StaffPlan provides powerful scheduling tools to cover a multitude of shifts, needs and expectations every day, efficiently and easily. In addition, PDC StaffPlan provides the facilities necessary to keep track of staffing reports, regulated ratios and all of the demands that medical services must meet.

PDC StaffPlan puts real time data at the scheduler's fingertips. Managers always know the availability of qualified personnel, staff preferences for particular days, shifts and units, and union and regulatory requirements.

By seamless integration to HR - Payroll systems PDC StaffPlan ensures that correct salaries and budgets are met.

### Bottom Line

PDC StaffPlan streamlines staff scheduling, which translates to better patient care, better work plans and less overtime, less administration - while assuring that all staff needs are met and ultimately within hospital budgets.

### Forecasting and Follow Up

Prior to optimizing is budgeting and in this context PDC StaffPlan is indispensable. In well-structured tables you can see:

- What is the cost of a plan? A week? A month?
- What is the cost of a shift?
- What is the cost of a staff group?
- Are we on track of the budget?

### Reduce Labor Costs

PDC StaffPlan lets you accurately track and forecast staffing needs as well as employee absences. The system warns you of scheduling conflicts and helps you minimize over-staffing, which in turn reduces payroll costs.

Likewise, our staff scheduling software allows you to instantly view shift coverage and hours scheduled. With this information readily available, you will be able to optimize your staffing and reduce overtime.

### Create Schedules in Less Time

PDC StaffPlan gives you an easy-to-use graphical user interface and powerful tools that make scheduling, editing information, analyzing data, and distributing schedules easy and simple.

Many routine operations disappear with the use of the automatics and semi-automatics in PDC StaffPlan.

Making scheduling easier and faster gives you more time to spend on treating and nursing patients.

*Region Hovedstaden includes all hospitals in Copenhagen, capital of Denmark. Two thousands schedulers are making shift plans for the entire staff - except doctors - amounting to 42.000 employees. In addition to this, PDC StaffPlan calculates salary for 130.000 people a year.*

*We have been using PDC StaffPlan since 1999. We appreciate constantly the stability of the system as well as the innovation projects and the developing of the software according to the needs of the growing number of staff and requirements. By implementing PDC StaffPlan we have reduced the time we used for making rosters and our employees are more satisfied now that the planners are able on the fly to see if vacation can be granted. Last but not least Prolog Development Center was chosen as we needed a short and fast implementation. A choice that has proven right.*

Carsten Abildskov Hansen, General Salary Manager

## Shift Coverage Based on Skills

With PDC StaffPlan you can input your staffing requirements based on skills and see if you have too many or too few employees scheduled. Additionally, this capability allows you to easily view how schedule changes will impact your shift coverage.

## Functional Coverage

PDC StaffPlan supports planning of “functional coverage”. When planning for physicians focus is on the assignment of specific roles or functions during the day rather than work hours.

- All relevant staff can easily access information on function coverages eg. “Who’s on call” via smartphones and tablet PCs.

## Staff Influence

Key to PDC StaffPlan’s success is the interactive interface that allows employees to be included in their own scheduling. Staff can log in from any computer or Smartphone to provide their availability information, view their schedule, request time off or trade shifts. Management has the ability to accept or deny any schedule changes before they are logged.

There are many benefits of giving employees an impact on the work schedule - both for the individual employee, but also for the hospital. Employees experience greater satisfaction with the workplace by getting flexibility and ability to coordinate and balance family life and work life. The company will save time on planning and administration and get happy and responsible employees who are less stressed and absent due to illness.

## Managing Temporary Workers

PDC StaffPlan includes facilities to manage staff borrowed from other wards or departments and even staff hired in temporary

terms. Advanced booking, accounting and advisory facilities makes scheduling extremely flexible and cost effective.

## Communicate Schedule Information Effectively

PDC StaffPlan allows you to share schedule information by giving staff access to the schedule both on web and on Smartphones. And with the click of a button, you can send updated schedules via e-mail, sms or publish them to your website.

## Find the Hidden Gold

PDC StaffPlan provides valuable key figures and management information which may quickly explain causes and contexts so proper measures can be taken.

Reporting is automated and query information can be used to find business information and statistics for any time frame.

## Automatic Payroll Information

As you create shift assignments, PDC StaffPlan automatically sums up employees’ work hours, calculates overtime, supplements, time-off-in-lieu, etc. and provides detailed payroll information and cost reports so you know beforehand if you are on budget.

## Interface to External Systems

PDC Staffplan integrates easily with external payroll, personnel and budget systems where information can be transferred automatically back and forth.



### What is PDC StaffPlan?

- Workforce management software that combines employee scheduling, time clocking, on-line payroll and staff communication tools into one intuitive application.
- PDC StaffPlan integrates with applications you already use like: HR systems, payroll systems, etc.
- Available on: iPhone, iPad and web.

## Who we are

Since PDC's founding in 1984 we have worked closely with hospitals and other health organizations on utilizing their costly staff and other resources as effectively and economically as possible.

We have developed a unique technology that allows us to deploy rules and AI methods for resource optimizing and efficient decision support. This gives competitive advantages in our planning and scheduling solutions.

A highly trained team of developers has great expertise and substantial experience with resource optimization, planning and scheduling.

Last but not least, we have a dedicated and capable team of supporters with a broad domain experience from working many years in the health business.

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