

CGram Software™

Integrated Software for Business

Production & Manufacturing

Manage your production and operational activities with Enterprise.

Enterprise includes a full production management system. The Manufacturing Menu allows for the creation, running and review of comprehensive production schedules and plans. These can take into consideration sales (or forecasts) with full production schedules and 'just in time' materials supply - including sub-component structures and sub-contracted work. Time recording, capacity planning, synchronous production, alternate parts and operations can all also be included. Enterprise surveys all executive information in the system (purchase orders, production orders etc), before calculating the exact requirements necessary to satisfy your commitments.

Materials and sub-assemblies are ordered on a 'just in time' basis and can be set to suitable quantities and timescales. The Bill of Materials facility defines the structure of the goods you've produced - there is no limitation to bill depth and main items can be categorised accordingly (e.g. by version numbers or date). You can even include images of your products / goods in the reports. Enterprise is also able to cater for co-products and easily handles alternate parts and any varying requirements during the production process. The production dispatch facility enables you to dispatch goods to customers direct from the shop floor, together with all the relevant documentation.

CGram Production Scheduling. Production Scheduling uses a composite forward and backward scheduling algorithm to construct a schedule that is designed to meet customer requirements as best as possible, whilst keeping your bottleneck work stations as busy as they can manage. The Scheduler is integrated with MRP and makes a multi-level plan into an achievable Production Schedule.

Each Machine is given its own identity, carries its own downtime status and repair record. If a machine goes out of service, Production can be rescheduled from the current estimated point. That machine will not be used until its estimated repair date. This enables you to quickly assess machine failure and any impact this might have on delivery. Similar machines can be planned in a group, for example if you have four machines of broadly similar capabilities. They can also be planned for individually i.e. for specific jobs where there is a preferred machine for a particular operation. The Scheduling system is not prescriptive; it is in tune with the realities of business and good shop floor practice. It suggests what you should do, but does not insist that you do it in any particular fashion.

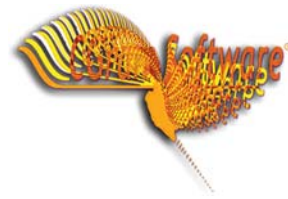


- » Planning
- » Scheduling
- » Bills of Materials
- » Co-Products
- » Sales Schedules
- » Time Recording
- » Staff Resource Planning
- » Integrated Dispatching
- » JIT Supply
- » Version Control
- » Breakdown Management
- » Electronic Supply
- » Routing

Named as Best Business Software for Linux at the UK Linux and Open Source Awards 2005
Runner Up, Best Mid Range Package Computing Magazine & Accountancy Age 2005



Enterprise helps you connect the people, process and technology in your company.

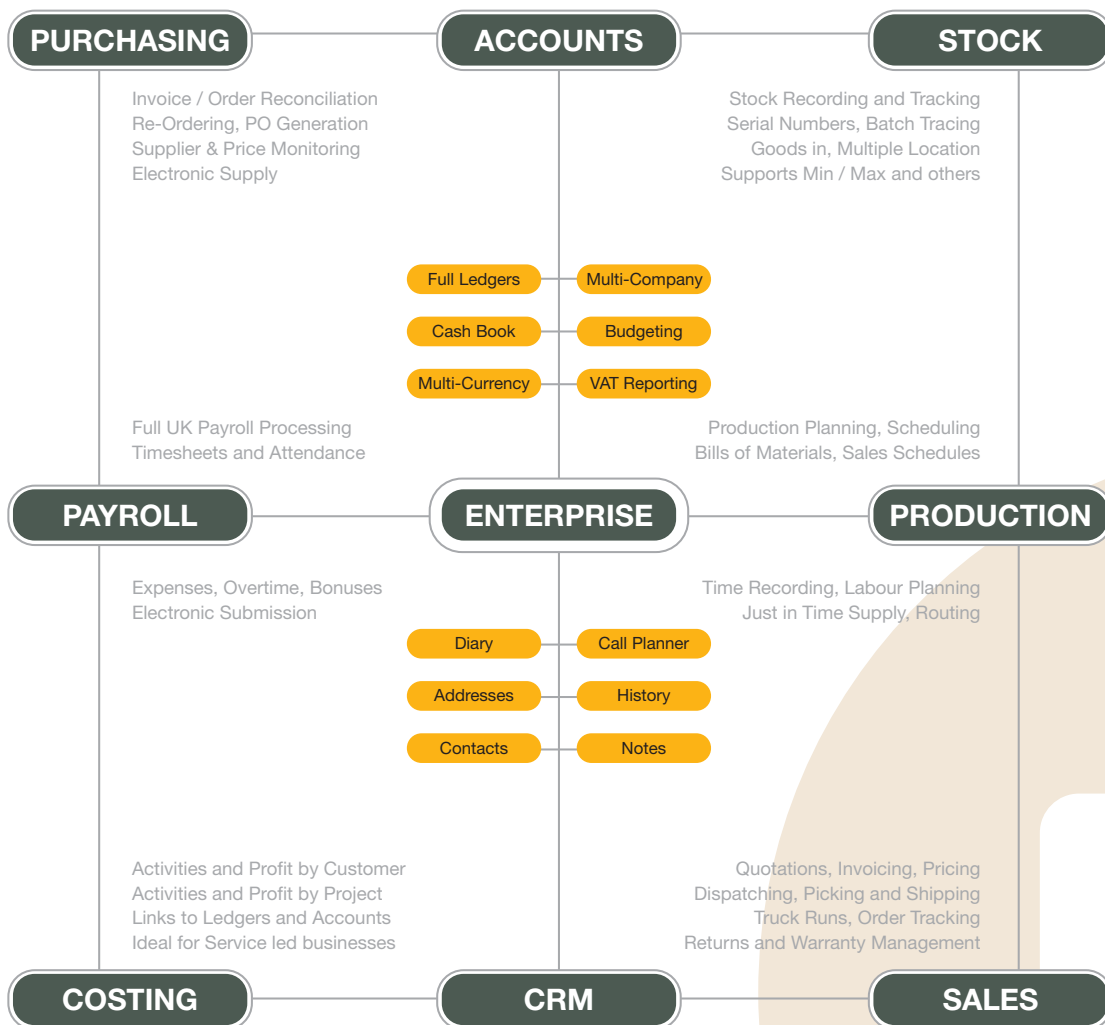


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Then, at the end of the week (or assigned period) you can report what was done. The system will then plan forward from where you actually are, not where it thinks you ought to be.

The personnel required to run a machine can be attached by name, with as many alternate operators listed as you want. All people can be listed within Groups, like for instance 'General Labour'. You can record that you need a person from that group, rather than naming all possible members on every machine. The Scheduler will then construct diaries for the work shop staff, listing which machines they should run and which Orders they should be working on. Just as with machines, if staff are unavailable you can make a new Schedule that plans around their period of unavailability.



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