



Manufacturing - Capacity Requirements Planning

FitriX ERP Manufacturing Module

“As an integrated system FitriX provided us with the data and controls to measure our existing processes. FitriX helped us continue our focus on LEAN PROCESSES via waste reduction and continuous improvement.”

Bill Marshall,
Operations Manager
STOBER Drives, Inc.

Capacity Requirements Planning analyzes loads placed on production resources. It reviews standard routing information for planned and released production orders, to determine the resources needed to satisfy production requirements. Loads are measured against available capacity, in user-defined time intervals, to support exception analysis.

The FitriX CRP application uses routings from both active and planned production orders, and compares hours required to produce to available capacity to produce, at multiple levels within the enterprise. Resources can be defined at any combination of company, department, work center, machine or team of employees. Comparisons of load to capacity are displayed graphically, and can be analyzed on a daily, weekly, bi-weekly, monthly, semi-monthly or quarterly basis. The summarized data supports drill-down ability, to see individual orders, both active and planned.

Capacity Requirements Planning

Highlight the load on production resources and act quickly to adjust resources to satisfy production demands.

Fitrix Capacity Requirements Planning

Features/Functions

Highlights

Period Intervals

Define how the future is to be divided into time periods

Multiple period intervals may be defined
Used to display and print future production activity by time period

Capacity Maintenance

Allows for non-standard override of daily capacity, by shift, for Work Center, Department, Teams, Machines

CRP Generation

Generates planned order routings
Typically run in conjunction with MRP generation

Change Routing

Allows changes to routing for each planned order
Does not affect the standard routing
Handy when shifting load to optimize capacity

Capacity Inquiries

Displays capacity and load for a given resource, with overload or under-load percentage

Resources analyzed are Work Center, Department, Teams, Machines

User-defined period intervals to view loads in a variety of formats

Drill-down from period load to details of orders and operations

Review alternates for an overloaded resource

Reports available include:

Capacity Reports

Prints capacity and load for a given resource, with overload or under-load percentage

Loads prints in graphical format for easy exception analysis

Resources analyzed are Work Centers, Departments, Teams, Machines

User-defined period intervals

