



# MASTER PLANNING

Demand Planning & Supply Chain Optimization

Infor LN 10.5 | 2026 Edition

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## CHAPTER 1

# Introduction to Master Planning

Purpose, Levels & Planning Strategy

Master planning represents the strategic and operational foundation of supply chain management in Infor LN 10.5. It coordinates production capacity, demand forecasts, and material availability across multiple planning levels to optimize inventory and fulfill customer demand efficiently.

## Planning Hierarchy

Level	Horizon	Detail	Frequency
<b>Strategic Planning</b>	12-24 months	Product families, aggregate demand	Quarterly
<b>Master Planning</b>	6-12 months	Item-level forecasts and orders	Monthly
<b>Operational Planning</b>	1-3 months	Detailed schedules, ATP/CTP	Weekly/Daily
<b>Execution</b>	Real-time	Purchase orders, production orders	On-demand

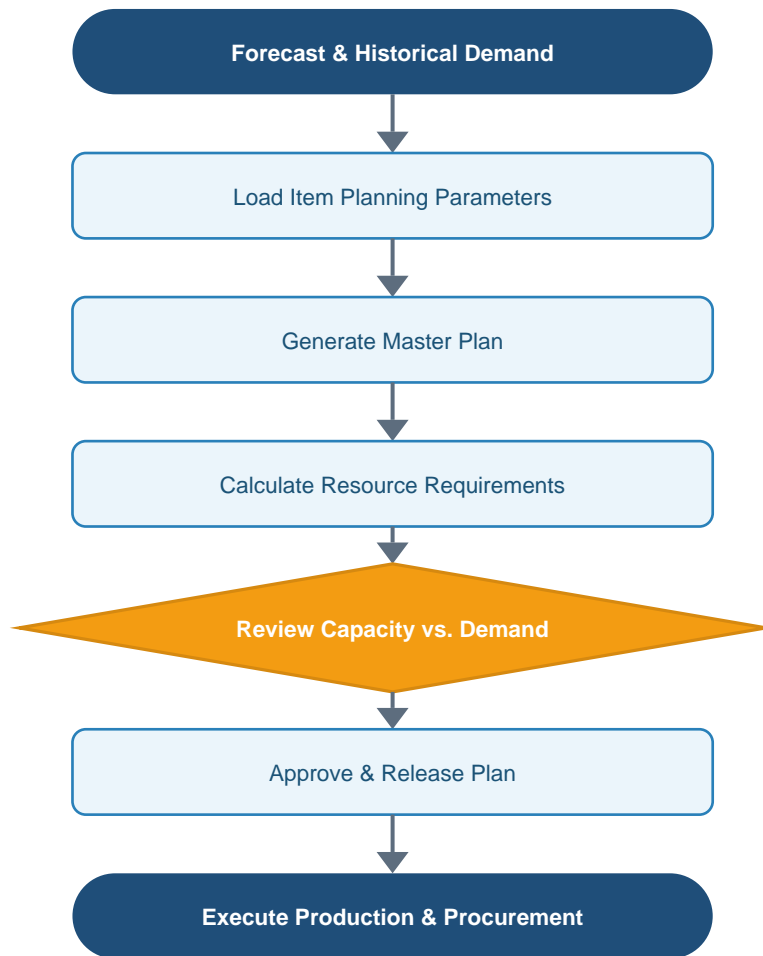
### INFO

Master planning bridges strategic demand forecasts and operational execution, ensuring the right inventory is available at the right time without excess stock.

## Master Plan vs. Operational Plan

Aspect	Master Plan	Operational Plan
<b>Time Horizon</b>	6-12 months	1-3 months
<b>Frequency</b>	Monthly update	Weekly/Daily update
<b>Detail Level</b>	Product/channel	SKU/location
<b>Focus</b>	Capacity alignment	Schedule optimization
<b>Users</b>	Planners, managers	Schedulers, expeditors

## Master Planning Flow



## CHAPTER 2

# Item Planning (cprpd1100m000)

Planning Method, Lot Sizing & Safety Stock

The Items - Planning session (cprpd1100m000) is the core configuration screen for master planning parameters. It controls how each item is planned, including method, lot sizing rules, safety stock levels, and lead time offsets.

## Planning Methods

Method	Description	Use Case
<b>MTS (Make-to-Stock)</b>	Produce based on forecasts into warehouse inventory	High-volume, predictable demand
<b>MTO (Make-to-Order)</b>	Produce only when customer order received	Custom, low-volume, long lead time
<b>ATO (Assemble-to-Order)</b>	Keep components in stock, assemble per order	Modular products, demand variability
<b>Demand-Driven</b>	Responsive to actual demand signals	Variable demand, seasonal products

## Item Planning Screen (cprpd1100m000)

Figure 2.1: Item Planning Configuration Screen