AppComputing MRP Datasheet

AppComputing Manufacturing Resource Planning (MRP) provides a complete forecasting solution for the organization.

Based on Future Sales Projection

Future sales projection can be always changing. All the updates to the sales projection can automatically flush through AppComputing MRP system to forecast all the resources needed for manufacturing process and order fulfillment.

Flexible Bill of Materials (BOM)

Based on production BOM, AppComputing MRP supports detailed, multi-layer BOM, and/or summary level component. This provides resource visibility in every step of the manufacturing process.

Complete Production Process Control

Start with sales item unit demand, the conversion ratio translates the unit demand into production unit requirement. The estimated production yield calculates actual production units, which further calculates cost variance against the standard production cost for both material and labor/overhead.

Automatic Cost Rollup

The production process in each layer of BOM tracks actual production cost. Such production cost in each BOM layer rolls up to the finish goods with automatic reconciliation on cost variance. The cost variance will be written off to manufacturing cost. The automatic cost reconciliation provides important insights into the entire manufacturing process.

Integrated Budgeting Planning

The AppComputing MRP module integrates with complete financial budgeting planning system. This provides accurate financial projection. The cashflow is automatically calculated. Any resource shortages, like negative cash balance, can be easily identified. This empowers management to take necessary actions ahead of time, for example, hiring more headcounts for production, increasing facility space and machinery, and getting larger amount of bank financing.

Business Benefits:

✓ **_Future Sales Projection_**

Extend MRP to cover dynamic future sales projection

✓ **_Flexible Bill of Materials_**

Support both detailed BOM or component level

✓ **_Automatic Cost Rollup_**

Automatic cost variance analysis based on production yield

✓ **_Integrated Budgeting Planning_**

Cash Flow projection to provide insight into company's financial health