

**opsdog**

**WORKFLOW**

**PRODUCTION**

# Components Preparation

**BPMN 2.0 EDITOR**

**The OpsDog Supply Chain Hierarchy**

- Production
  - Order Management
  - Master Data Management
  - Procurement
  - Materials Management
  - Distribution
- Manufacturing Engineering
- Production Planning
- Manufacturing & Assembly**
  - Components Preparation**
- Quality Control
- Equipment Maintenance

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**Components Preparation: Workflow**

- A Break & Fix Requests
- B Planning & Scheduling

**Workflow Description**

The generation of bills of materials (BOMs) based on production demand, and the subsequent staging and pre-treatment of those materials for eventual use in the manufacturing process.

**Legend**

- Start Event
- Intermediate Event
- End Event
- Gateway
- Group
- Task
- Expanded Sub-Process
- Pool
- Sequence Flow
- Message Flow

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## Production: Components Preparation Workflow [BPMN 2.0]

**Planning and Forecasting**

**Components Preparation**

**BOM Generation**

```

    graph LR
      Start(( )) --> Task1[Generate number of components needed based on production demand]
      Task1 --> Task2[Information of needed components are combined into BoM (Bill of Materials)]
      Task2 --> Task3[Forward BoM for components preparation]
      Task3 --> End((Send to Preparation Team))
  
```

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