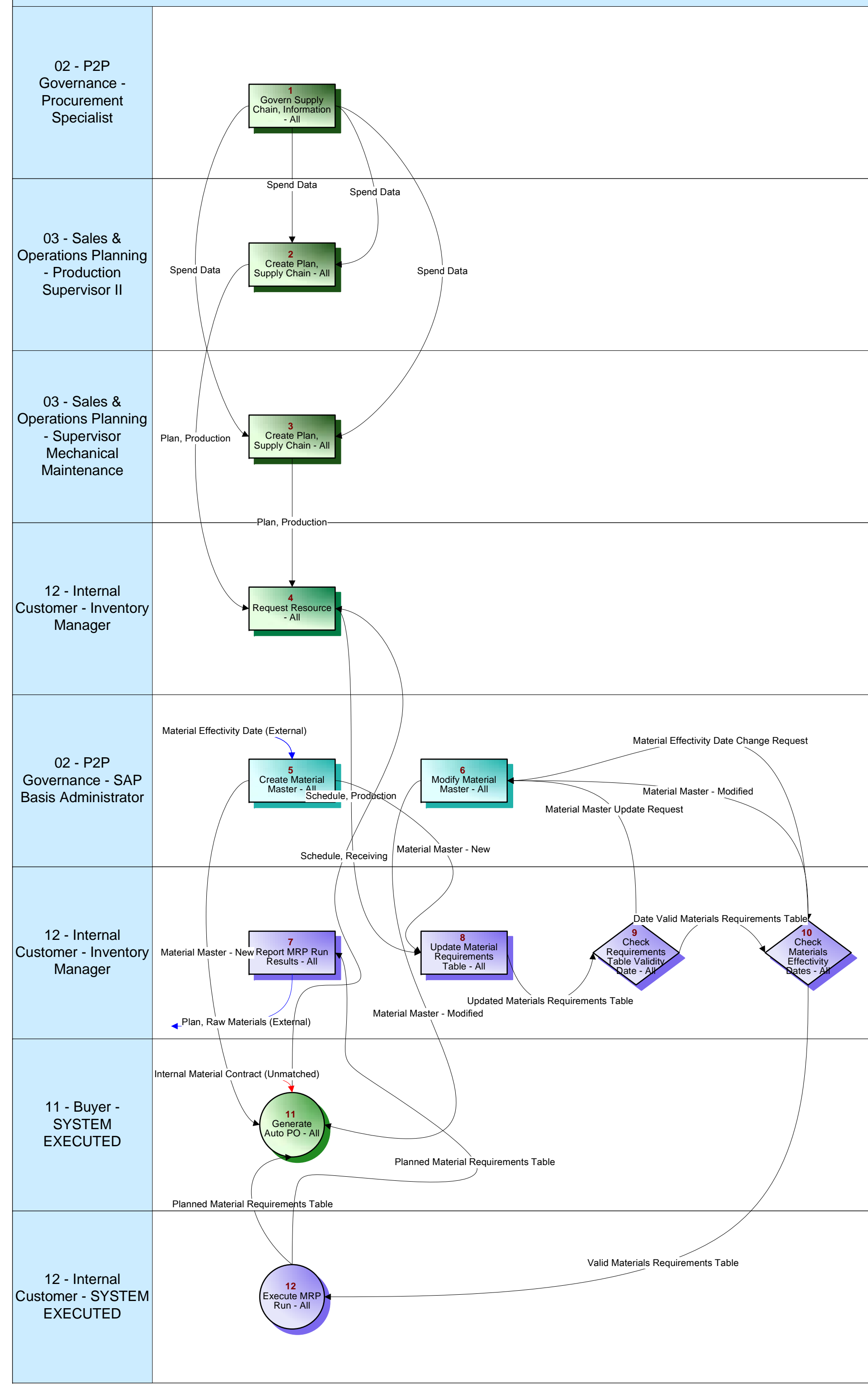


**Value Chain Diagram Blueprint - Procure to Pay - BC - Structured PO - MRP Run**



**Value Chain Blueprint - Procure to Pay**

**Scenario** BC - Structured PO - MRP Run

**Roles**

- 02 - P2P Governance - Procurement Specialist
- 03 - Sales & Operations Planning - Production Supervisor II
- 03 - Sales & Operations Planning - Supervisor Mechanical Maintenance
- 12 - Internal Customer - Inventory Manager
- 02 - P2P Governance - SAP Basis Administrator
- 11 - Buyer - SYSTEM EXECUTED
- 12 - Internal Customer - SYSTEM EXECUTED

**Products**

All

**Processes**

| Number | Process ID         | Processes Name                         | Product | Role Assignment  |
|--------|--------------------|--|---------|--|
| 1      | GS03               | Govern Supply Chain, Information       | All     | 02 - P2P Governance - Procurement Specialist                         |
| 2      | PS4                | Create Plan, Supply Chain              | All     | 03 - Sales & Operations Planning - Production Supervisor II          |
| 3      | PS4                | Create Plan, Supply Chain              | All     | 03 - Sales & Operations Planning - Supervisor Mechanical Maintenance |
| 4      | B01                | Request Resource                       | All     | 12 - Internal Customer - Inventory Manager                           |
| 5      | SF.GA03.02.01      | Create Material Master                 | All     | 02 - P2P Governance - SAP Basis Administrator                        |
| 6      | SF.GA03.02.02      | Modify Material Master                 | All     | 02 - P2P Governance - SAP Basis Administrator                        |
| 7      | SF.A02.01.07.02.02 | Report MRP Run Results                 | All     | 12 - Internal Customer - Inventory Manager                           |
| 8      | SF.A02.01.07.01.01 | Update Material Requirements Table     | All     | 12 - Internal Customer - Inventory Manager                           |
| 9      | SF.A02.01.07.01.02 | Check Requirements Table Validity Date | All     | 12 - Internal Customer - Inventory Manager                           |
| 10     | SF.A02.01.07.01.03 | Check Materials Effectivity Dates      | All     | 12 - Internal Customer - Inventory Manager                           |
| 11     | A05.07.01          | Generate Auto PO                       | All     | 11 - Buyer - SYSTEM EXECUTED   |
| 12     | SF.A02.01.07.02.01 | Execute MRP Run                        | All     | 12 - Internal Customer - SYSTEM EXECUTED                             |

**Technologies**

| Process # | Process ID         | Processes Name                         | Technology               | Service | Class            | Sub Class | Link |
|-----------|--------------------|--|--------------------------|---------|------------------|-----------|------|
| 1         | GS03               | Govern Supply Chain, Information       | Ariba - Spend Management | Enabled | Supply Chain Mtg | WY Tools  |      |
| 2         | PS4                | Create Plan, Supply Chain              | Maximo                   |         | Supply Chain Mtg | WY Tools  |      |
| 3         | PS4                | Create Plan, Supply Chain              | SAP - TJ                 |         | Supply Chain Mtg | WY Tools  |      |
| 4         | B01                | Request Resource                       | Maximo                   |         | Supply Chain Mtg | WY Tools  |      |
| 5         | SF.GA03.02.01      | Create Material Master                 | SAP - APO                |         | Supply Chain Mtg | WY Tools  |      |
| 6         | SF.GA03.02.02      | Modify Material Master                 | SAP - MM                 |         | Supply Chain Mtg | WY Tools  |      |
| 7         | SF.A02.01.07.02.02 | Report MRP Run Results                 | SAP - MM                 |         | Supply Chain Mtg | WY Tools  |      |
| 8         | SF.A02.01.07.01.01 | Update Material Requirements Table     | SAP - APO                |         | Supply Chain Mtg | WY Tools  |      |
| 9         | SF.A02.01.07.01.02 | Check Requirements Table Validity Date | SAP - APO                |         | Supply Chain Mtg | WY Tools  |      |
| 10        | SF.A02.01.07.01.03 | Check Materials Effectivity Dates      | SAP - APO                | Enabled | Supply Chain Mtg | WY Tools  |      |
| 11        | A05.07.01          | Generate Auto PO                       | SAP - MM                 |         | Supply Chain Mtg | WY Tools  |      |
| 12        | SF.A02.01.07.02.01 | Execute MRP Run                        | SAP - Sourcing           |         | Supply Chain Mtg | WY Tools  |      |

**Inputs and Outputs**

| Process # | Process ID         | Processes Name                         | Inputs                                   | Type        | Source   | Process ID         | Process Name                           | Role   | Service Enable - Interface Document Type | Application Enable - IO Schema |
|-----------|--------------------|--|--|-------------|----------|--------------------|--|--|--|--------------------------------|
| 1         | GS03               | Govern Supply Chain, Information       | Spend Data                               | Information | 2        | PS4                | Create Plan, Supply Chain              | 03 - Sales & Operations Planning - Production Supervisor II          |  |                                |
|           |                    |  | Spend Data                               | Information | 3        | PS4                | Create Plan, Supply Chain              | 03 - Sales & Operations Planning - Supervisor Mechanical Maintenance |  |                                |
|           |                    |  | Spend Data                               | Information | 2        | PS4                | Create Plan, Supply Chain              | 03 - Sales & Operations Planning - Production Supervisor II          |  |                                |
|           |                    |  | Spend Data                               | Information | 3        | PS4                | Create Plan, Supply Chain              | 03 - Sales & Operations Planning - Supervisor Mechanical Maintenance |  |                                |
| 2         | PS4                | Create Plan, Supply Chain              | Spend Data                               | Information | 1        | GS03               | Govern Supply Chain, Information       | 02 - P2P Governance - Procurement Specialist                         |  |                                |
|           |                    |  | Plan, Production                         | Information | 4        | B01                | Request Resource                       | 12 - Internal Customer - Inventory Manager                           |  |                                |
| 3         | PS4                | Create Plan, Supply Chain              | Spend Data                               | Information | 1        | GS03               | Govern Supply Chain, Information       | 02 - P2P Governance - Procurement Specialist                         |  |                                |
|           |                    |  | Plan, Production                         | Information | 4        | B01                | Request Resource                       | 12 - Internal Customer - Inventory Manager                           |  |                                |
| 4         | B01                | Request Resource                       | Schedule, Receiving                      | Information | 11       | A05.07.01          | Generate Auto PO                       | 11 - Buyer - SYSTEM EXECUTED   |  |                                |
|           |                    |  | Plan, Production                         | Information | 2        | PS4                | Create Plan, Supply Chain              | 03 - Sales & Operations Planning - Production Supervisor II          |  |                                |
|           |                    |  | Plan, Production                         | Information | 3        | PS4                | Create Plan, Supply Chain              | 03 - Sales & Operations Planning - Supervisor Mechanical Maintenance |  |                                |
|           |                    |  | Plan, Production                         | Information | 2        | PS4                | Create Plan, Supply Chain              | 03 - Sales & Operations Planning - Production Supervisor II          |  |                                |
|           |                    |  | Plan, Production                         | Information | 3        | PS4                | Create Plan, Supply Chain              | 03 - Sales & Operations Planning - Supervisor Mechanical Maintenance |  |                                |
|           |                    |  | Schedule, Production                     | Information | 8        | SF.A02.01.07.01.01 | Update Material Requirements Table     | 12 - Internal Customer - Inventory Manager                           |  |                                |
| 5         | SF.GA03.02.01      | Create Material Master                 | Material Part Number                     | System      | External |                    |  |  |  |                                |
|           |                    |  | Material Name                            | System      | External |                    |  |  |  |                                |
|           |                    |  | Material Effectivity Date                | System      | External |                    |  |  |  |                                |
|           |                    |  | Material Master - New                    | System      | 8        | SF.A02.01.07.01.01 | Update Material Requirements Table     | 12 - Internal Customer - Inventory Manager                           |  |                                |
|           |                    |  | Material Master - New                    | System      | 11       | A05.07.01          | Generate Auto PO                       | 11 - Buyer - SYSTEM EXECUTED   |  |                                |
| 6         | SF.GA03.02.02      | Modify Material Master                 | Material Master Update Request           | Information | 9        | SF.A02.01.07.01.02 | Check Requirements Table Validity Date | 12 - Internal Customer - Inventory Manager                           |  |                                |
|           |                    |  | Material Effectivity Date Change Request | System      | 10       | SF.A02.01.07.01.03 | Check Materials Effectivity Dates      | 12 - Internal Customer - Inventory Manager                           |  |                                |
|           |                    |  | Material Master - Modified               | System      | 11       | A05.07.01          | Generate Auto PO                       | 11 - Buyer - SYSTEM EXECUTED   |  |                                |
|           |                    |  | Material Master - Modified               | System      | 10       | SF.A02.01.07.01.03 | Check Materials Effectivity Dates      | 12 - Internal Customer - Inventory Manager                           |  |                                |
| 7         | SF.A02.01.07.02.02 | Report MRP Run Results                 | Planned Material Requirements Table      | System      | 12       | SF.A02.01.07.02.01 | Execute MRP Run                        | 12 - Internal Customer - SYSTEM EXECUTED                             |  |                                |
|           |                    |  | Plan, Raw Materials                      | Information | External |                    |  |  |  |                                |
| 8         | SF.A02.01.07.01.01 | Update Material Requirements Table     | Schedule, Production                     | Information | 4        | B01                | Request Resource                       | 12 - Internal Customer - Inventory Manager                           |  |                                |
|           |                    |  | Material Master - New                    | System      | 5        | SF.GA03.02.01      | Create Material Master                 | 02 - P2P Governance - SAP Basis Administrator                        |  |                                |
|           |                    |  | Updated Materials Requirements Table     | System      | 9        | SF.A02.01.07.01.02 | Check Requirements Table Validity Date | 12 - Internal Customer - Inventory Manager                           |  |                                |
| 9         | SF.A02.01.07.01.02 | Check Requirements Table Validity Date | Updated Materials Requirements Table     | System      | 8        | SF.A02.01.07.01.01 | Update Material Requirements Table     | 12 - Internal Customer - Inventory Manager                           |  |                                |
|           |                    |  | Material Master Update Request           | Information | 6        | SF.GA03.02.02      | Modify Material Master                 | 02 - P2P Governance - SAP Basis Administrator                        |  |                                |
|           |                    |  | Date Valid Materials Requirements Table  | System      | 10       | SF.A02.01.07.01.03 | Check Materials Effectivity Dates      | 12 - Internal Customer - Inventory Manager                           |  |                                |
| 10        | SF.A02.01.07.01.03 | Check Materials Effectivity Dates      | Date Valid Materials Requirements Table  | System      | 9        | SF.A02.01.07.01.02 | Check Requirements Table Validity Date | 12 - Internal Customer - Inventory Manager                           |  |                                |
|           |                    |  | Date Valid Materials Requirements Table  | System      | 9        | SF.A02.01.07.01.02 | Check Requirements Table Validity Date | 12 - Internal Customer - Inventory Manager                           |  |                                |
|           |                    |  | Material Master - Modified               | System      | 6        | SF.GA03.02.02      | Modify Material Master                 | 02 - P2P Governance - SAP Basis Administrator                        |  |                                |
|           |                    |  | Material Effectivity Date Change Request | System      | 6        | SF.GA03.02.02      | Modify Material Master                 | 02 - P2P Governance - SAP Basis Administrator                        |  |                                |
|           |                    |  | Valid Materials Requirements Table       | System      | 12       | SF.A02.01.07.02.01 | Execute MRP Run                        | 12 - Internal Customer - SYSTEM EXECUTED                             |  |                                |
| 11        | A05.07.01          | Generate Auto PO                       | Internal Material Contract               | Information |          |                    |  |  |  |                                |
|           |                    |  | Planned Material Requirements Table      | System      | 12       | SF.A02.01.07.02.01 | Execute MRP Run                        | 12 - Internal Customer - SYSTEM EXECUTED                             |  |                                |
|           |                    |  | Material Master - New                    | System      | 5        | SF.GA03.02.01      | Create Material Master                 | 02 - P2P Governance - SAP Basis Administrator                        |  |                                |
|           |                    |  | Material Master - Modified               | System      | 6        | SF.GA03.02.02      | Modify Material Master                 | 02 - P2P Governance - SAP Basis Administrator                        |  |                                |
|           |                    |  | Schedule, Receiving                      | Information | 4        | B01                | Request Resource                       | 12 - Internal Customer - Inventory Manager                           |  |                                |
| 12        | SF.A02.01.07.02.01 | Execute MRP Run                        | Valid Materials Requirements Table       | System      | 10       | SF.A02.01.07.01.03 | Check Materials Effectivity Dates      | 12 - Internal Customer - Inventory Manager                           |  |                                |
|           |                    |  | Planned Material Requirements Table      | System      | 11       | A05.07.01          | Generate Auto PO                       | 11 - Buyer - SYSTEM EXECUTED   |  |                                |
|           |                    |  | Planned Material Requirements Table      | System      | 7        | SF.A02.01.07.02.02 | Report MRP Run Results                 | 12 - Internal Customer - Inventory Manager                           |  |                                |