

Hatching Eggs of Gold

Intelligroup Poultry360 Solution

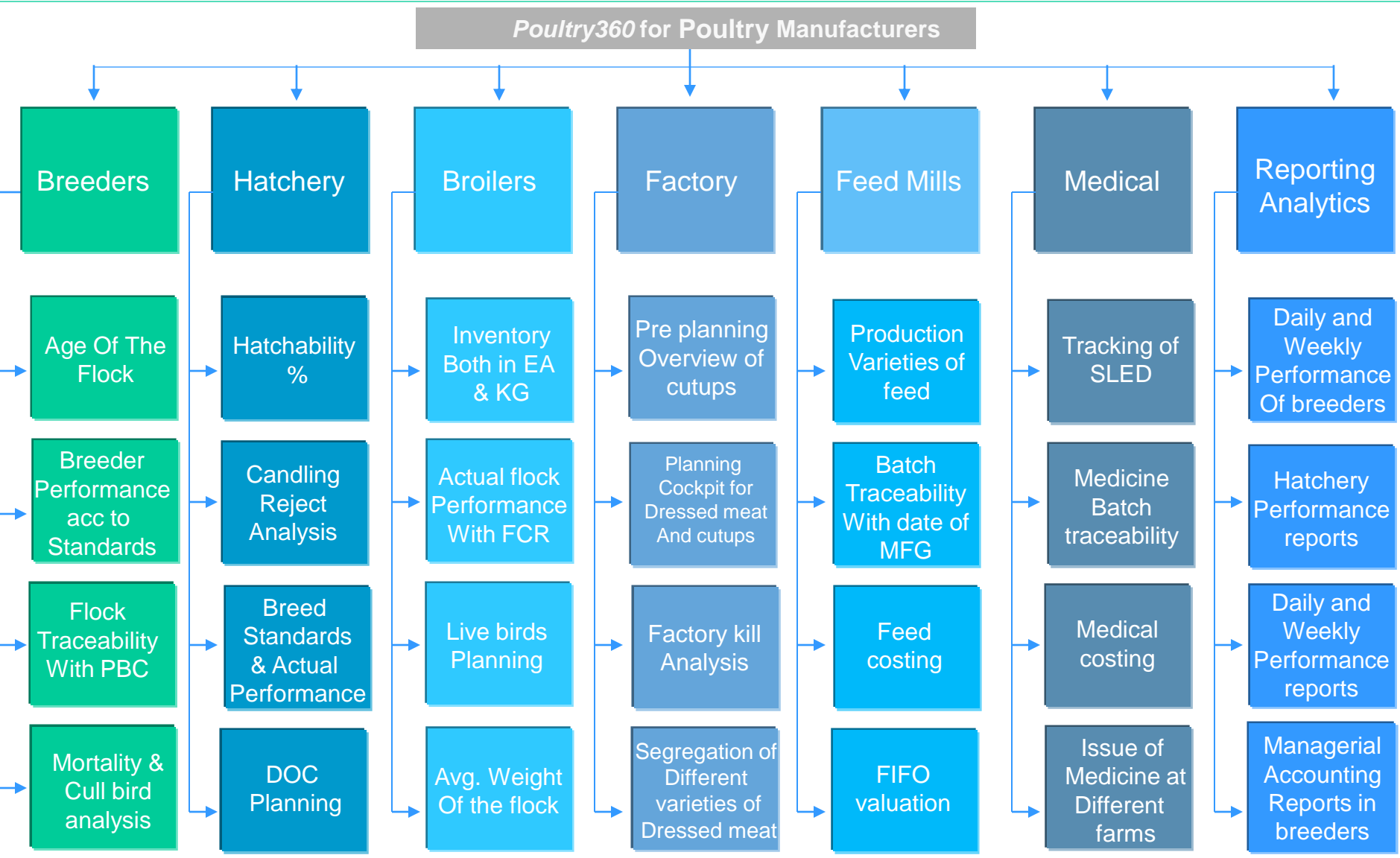


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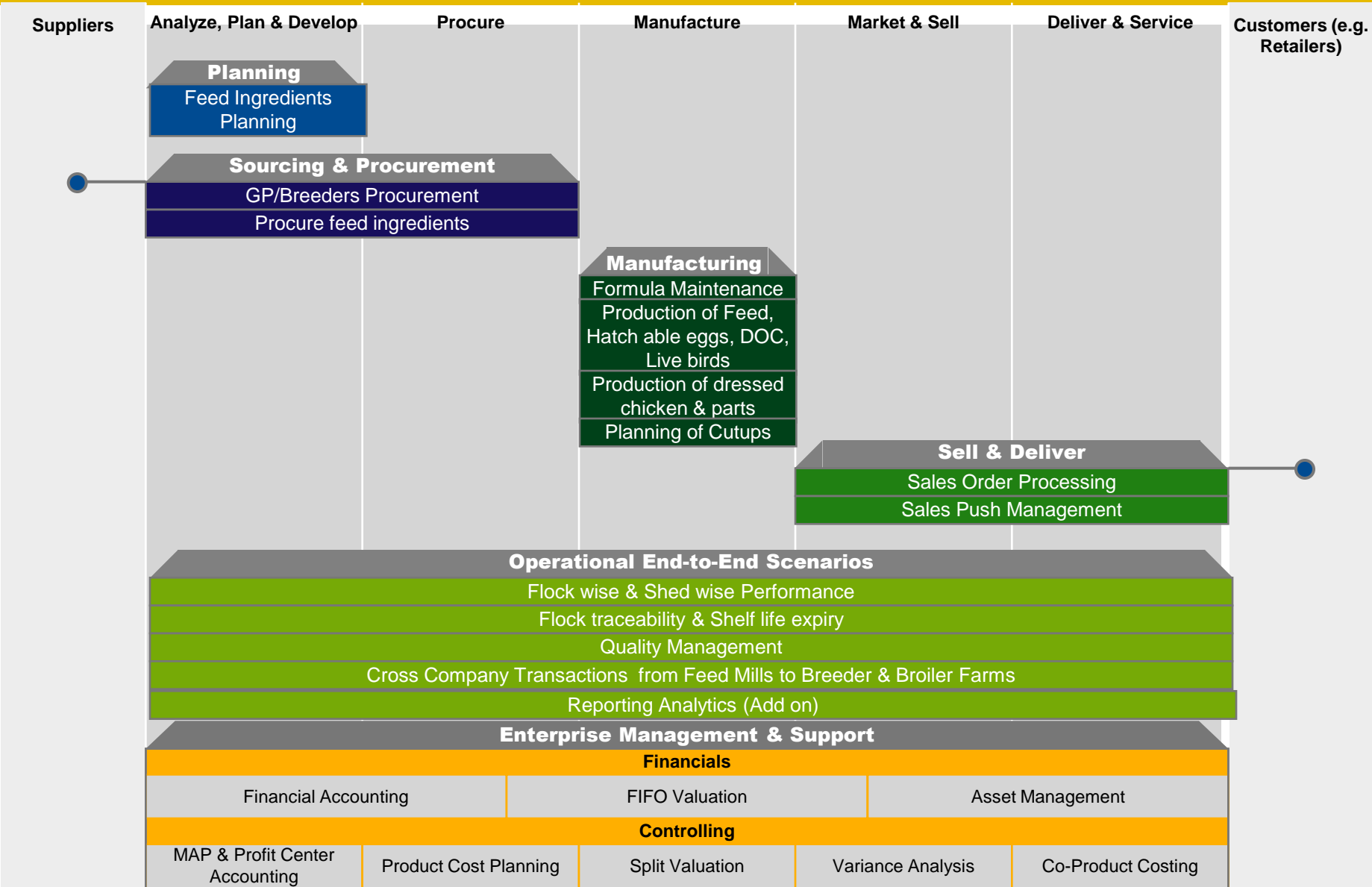
Creating The Intelligent EnterpriseSM



Poultry360: Process Components Diagram



Poultry360 Solution map for the Poultry Manufacturers



Sourcing & Procurement

Procurement of Feed ingredients, Medicines, Vaccines & Breeders

129: Procurement of Stock Material (Medicines, Vaccines etc)

133: Procurement – Contract of Breeders

134: Internal Procurement (Stock Transfer of feed to Breeder & Broiler Farm with Delivery)

135: Internal Procurement (Stock Transfer of feed to Breeder & Broiler farms without Delivery)

141: Internal Procurement (Cross Company Stock Transfer of DOC, Live birds etc)

127: Quality Management in Procurement

Inventory Management

137: Physical Inventory / Inventory Count & Adjustment

Manufacturing

Make-to-Stock

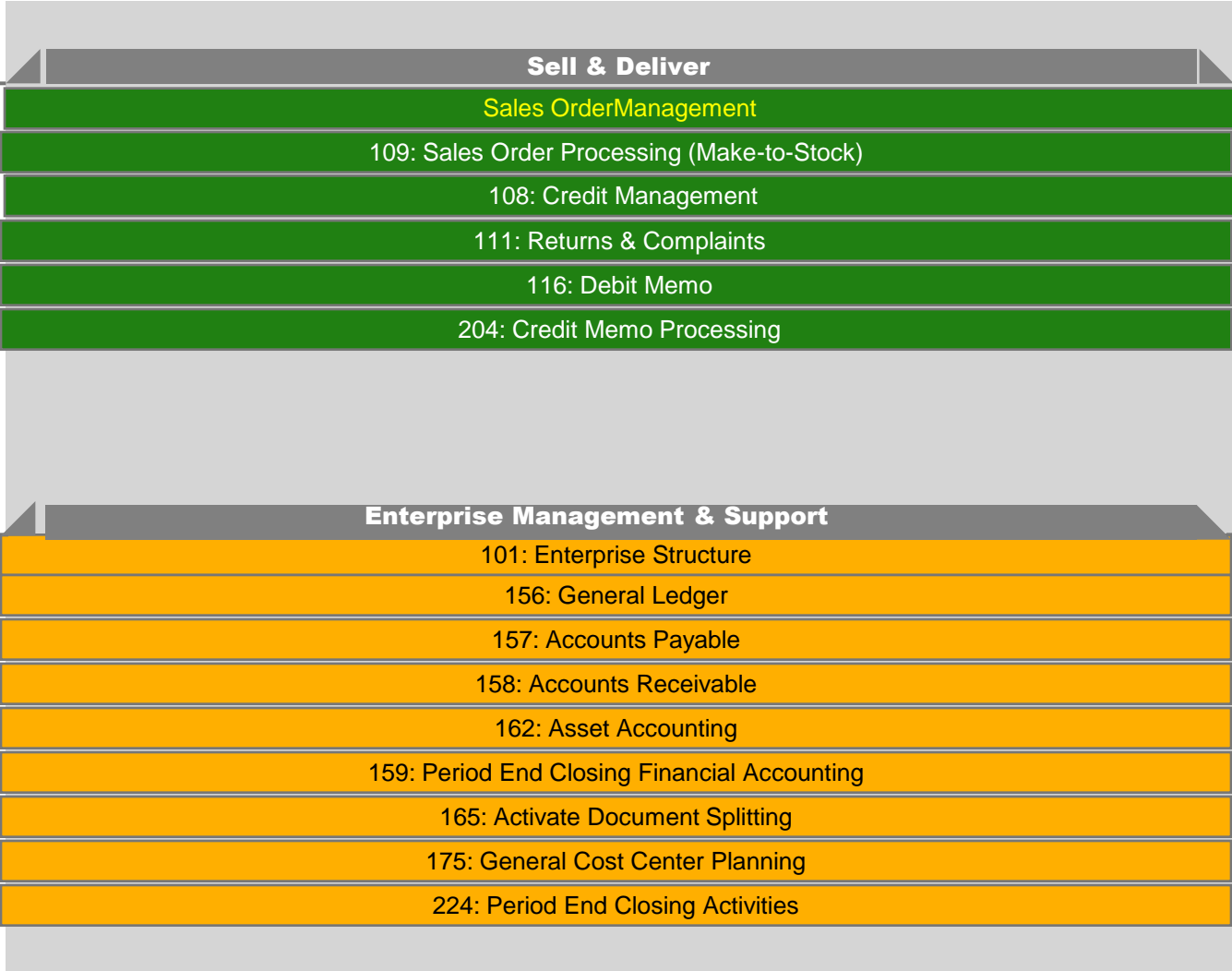
145: Production Order Processing (Make-to-Stock)

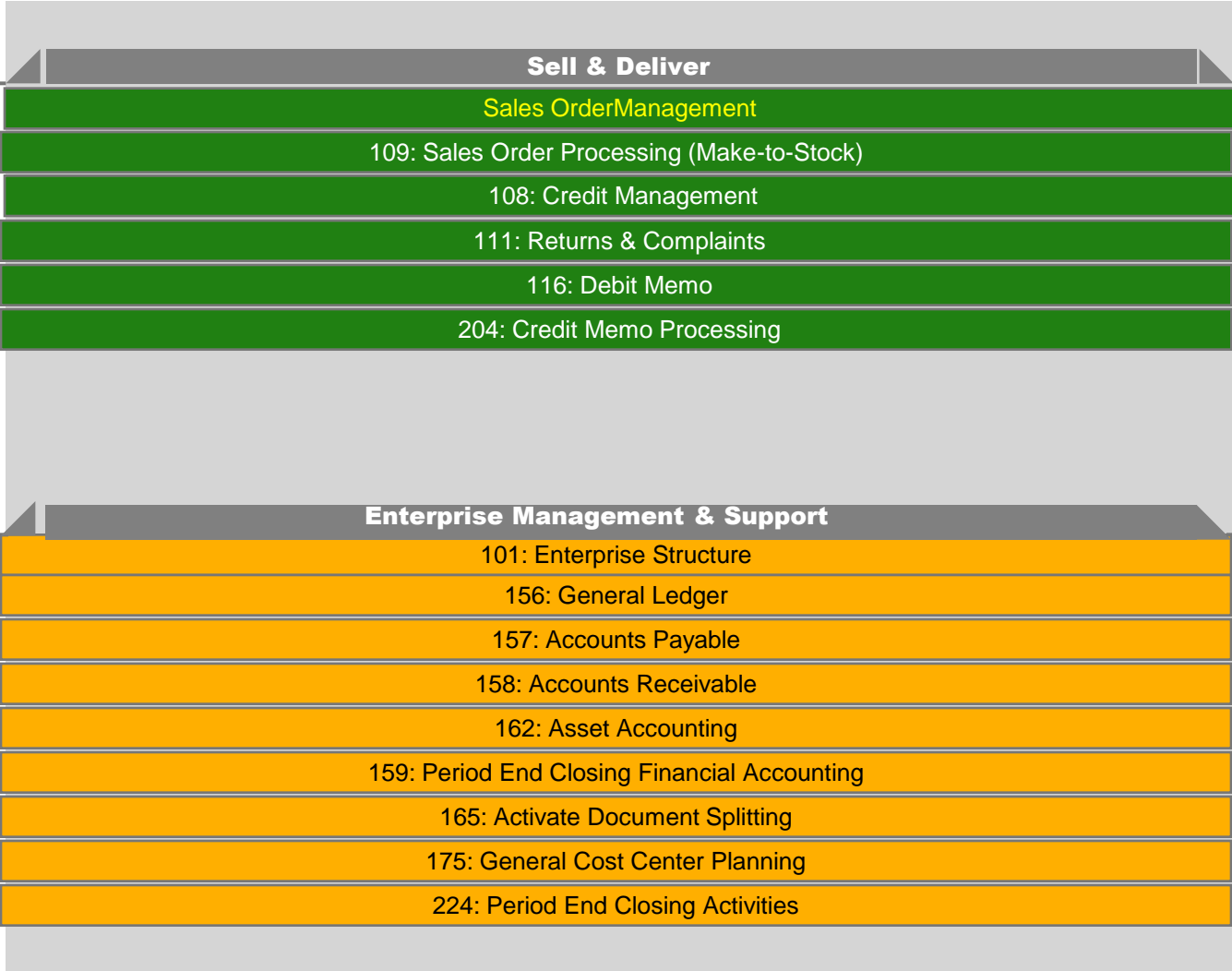
117: Batch Management

Make-to-Order

148: Quotation and Sales Order Processing (Make-to-Order)



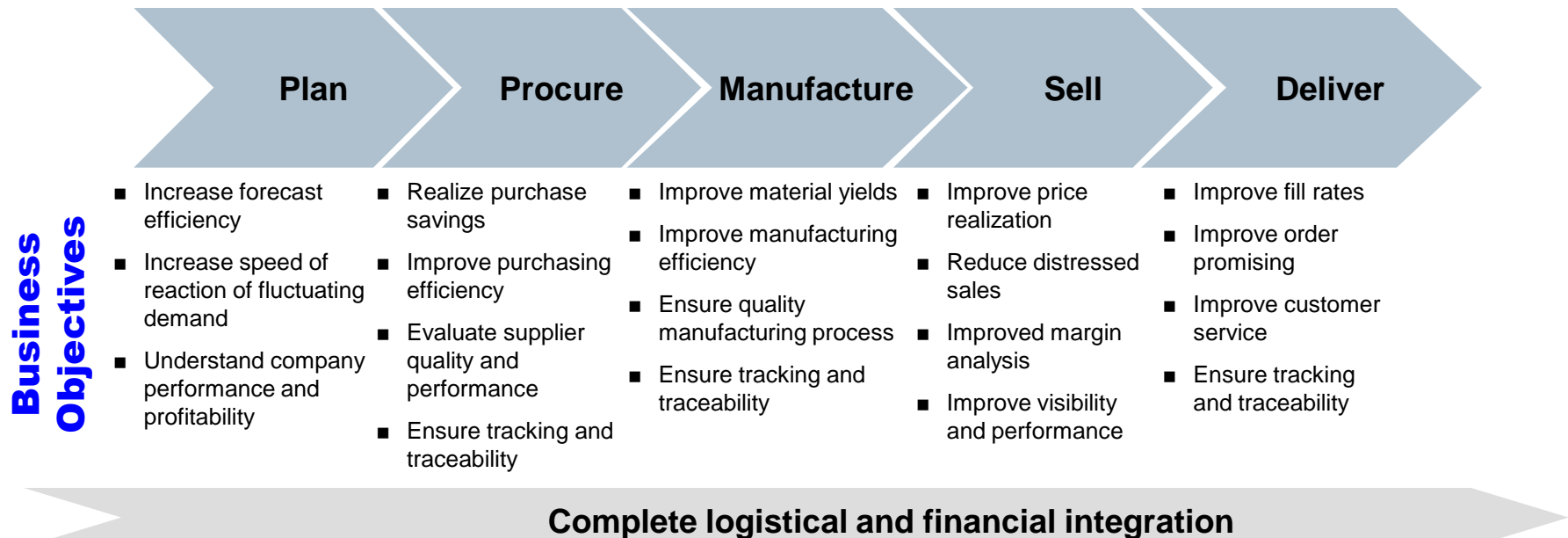




Reporting Analytics (Add On)
Flock Master Update report for Calculation of age
Breeder Daily Report/
Breeder Weekly Report
Brooding & Growing Cost Report
Laying Cost Report
Flock wise Performance Report
Breeder Grower Report
Breeder Flock Performance Report
Hatchery Performance Report
Broiler Farm Daily Report
Commercial Farm & Integration Daily Report
Commercial Farm Weekly Report
Overhead Cost per Ton Report
Extra Medication & Vaccines Report
Cash Journal Report
Consolidated Bank docket Report
Chick Inventory Report
Plant wise Sales Report
Power Fuel Cost Consumption Report



- ✓ Focuses on key business processes that create a baseline for future growth
- ✓ Delivers immediate benefits by solving the problem of system heterogeneity



Key Performance Indicators

- Gross profit
- Price, operating margin, and cost per unit weight (lbs or kg)
- Flock wise Performance
- Per Bird Consumption (PBC)
- Feed Consumption Ratio (FCR)
- Throughput (DOC, Live birds, Class A/B whole chicken)
- Shed/House wise Performance
- Labor cost per unit weight (lbs or kg) or weight processed per man hour

Procurement Process



Industry Pain Points

- Highly volatile prices in purchasing ingredients for feed
- Tracking of flock from the supplier
- Less transparency in payment process
- Different, complex, and individual procurement processes

Business Benefits

- Improved transparency in procurement
- Raised quality standards by integrated quality management
- Increased flexibility in purchase pricing
- Enhanced communication suppliers

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Breeders & Ingredients Procurement

- Set up contracts with supplier (e.g., conditions, quantity, time frame)
- Set up quality criteria for valuation
- Purchase Breeders
- Procurement of other ingredients for feed

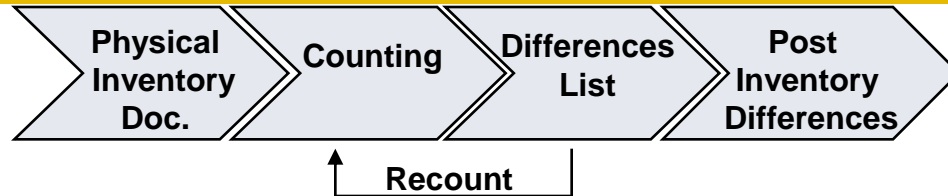
Goods Receipt

- Creation of batch with direct reference to PO and supplier
- Quality Inspection management in goods receipt
- Vendor Evaluation
- Batch split Valuation

Custom Reports

- Report with overview of delivered breeders and its quality
- Calculation of the age of the flock
- Comparison of actual performance of flock with the standards

Inventory Management



Industry Pain Points

- Maintaining high inventory levels of ingredients due to price fluctuation
- Establishing visibility to inventory levels throughout the entire supply chain

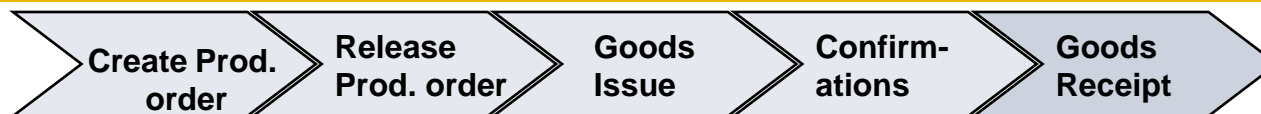
Business Benefits

- Optimum inventory levels
- Improve consumer retention due to product availability

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Inventory Management	Batch Management	Quality Management
<ul style="list-style-type: none">■ Fully integrated with supply chain accounting■ Goods receipt■ Goods issues■ Managing different stock categories<ul style="list-style-type: none">■ Available■ Blocked■ In QA■ Inventory valuation	<ul style="list-style-type: none">■ Batch valuation■ Shelf life expiration and other usability differences■ Ability to better monitor materials planning, sales and distribution, and production	<ul style="list-style-type: none">■ Quality inspection■ Return of goods

Production Planning & Execution



Industry Pain Points

- Shed/pen wise performance
- Feed Formula Mix
- Difficult management of production planning and execution due to high product complexity
- Multistage complex production environment
- Traceability throughout production

Business Benefits

- Improve transparency in production
- Reduce operating costs
- Increase efficiency by efficient production processes
- Calculate and monitor production costs seamlessly

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Production Planning

- Forecast creation for ingredients and feed
- Make-to-stock-processing
- Make-to-order processing
- Multisite planning
- ECM
- Unplanned Issues

Order Execution

- Week wise production orders
- In-process and post-process quality management
- Goods Issue and record of mortality
- Capturing data for traceability
- Co-product costing
- WIP
- Order Settlement



Industry Pain Points

- Inventory in logistics UoM (EA) but sale in Valuation UoM (KG)
- Order management with customer-specific criteria
- Traceability through delivery to the customer
- Unplanned inventory due to short-term production schedule in Feed Mills
- Monitoring weight in Broilers

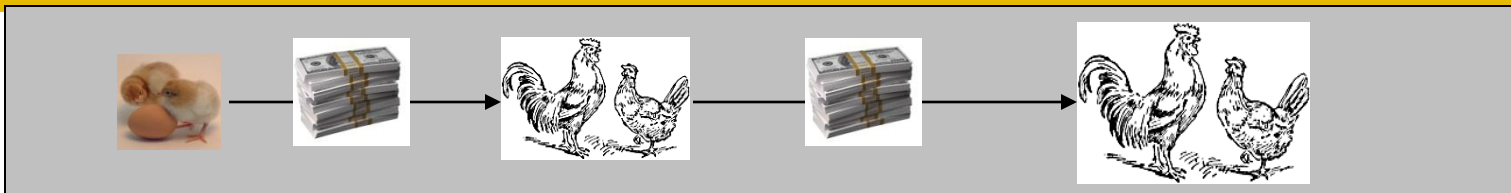
Business Benefits

- Improved sales order processing and distribution of DOC
- Reduced effort in delivery creation and packaging by batch determination
- Detailed overview and tracking of batch information
- Integration of real-time financials and costing reports

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Sales order processing

- Sales order creation
- Delivery creation
- Picking and packing
- Goods issues posting
- Cost Margin
- Billing creation
- Batch traceability
- Sale in Valuation UoM
- Product costing



Industry Pain Points

- Meeting local legal and fiscal requirements
- Improving efficiency of administrative activities

Business Benefits

- Implement an ERP solution fully compliant and continuously updated with local legal and fiscal requirements
- Improve efficiency in accounting activities due to a seamless process integration across the business
- Enhance company profitability analysis through profit and loss calculation by customer and brand

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Financials

- General ledger accounting
- Accounts payable accounting
- Accounts receivable accounting
- Bank accounting
- Closing activities
- Cash management
- Assets management
- FIFO Valuation

Controlling

- Average cost and profit center accounting
- Profitability analysis
- Product costs planning
- Product cost controlling
- **Batch split Valuation**

Product Cost Controlling



Industry Pain Points

- Meeting local, fiscal requirements
- Amortization of Costs from Laying stage
- Complex product structure
- Multilevel co-production
- Complexity in cost controlling

Business Benefits

- Improve efficiency in accounting activities due to a seamless process integration across the business
- Valuation of stock and order inventories compliant to legal requirements
- Real-time access to production cost information
- Managerial reports for internal accounting

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Controlling

- Product costs planning
 - Determination of flock wise performance
 - Cost component structure
 - Valuation
- Cost object controlling
 - Co-products
 - Overhead calculation
 - Work in process
 - Settlement to FI, CO, PA
 - Product cost by order



Industry Pain Points

- Being fully compliant with food regulations
- Addressing growing food-safety concerns from consumers

Business Benefits

- Minimize risk of noncompliance with food regulations
- Effective batch-specific returns processing

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Quality Management	Batch Management
<ul style="list-style-type: none">■ Quality planning■ Quality inspection■ Recording of laboratory analysis■ Quality reporting	<ul style="list-style-type: none">■ Batch valuation■ SLED■ Ability to better monitor materials planning, sales and distribution, and production

- **Poultry360 Solution is preconfigured/packaged solution developed to manage and monitor critical business processes of poultry manufacturers.**
- Provides the visibility needed to better manage the information flow among orders, production, inventory, distribution and costing.
- **Poultry360 Solution envelops the following functionalities:**

Feed Manufacturing: Manages feed effectively across the supply chain with better controls. Feed costing, feed capture at different crops and traceability of feed is recorded in a seamless manner. Different varieties of feed are transferred to the Farms based on the standards.

Breeder & Broiler Farms Management: Flock & Shed wise operational performance in terms of Cost & Yield. Real time visibility to hatchability at Laying Farms. Analysis on Breed standards and the actual performance of the flock and breed. Amortization of costs at laying Farms. Farm data captures information on the feed, medicine, vaccine consumption, mortalities etc.

Hatchery Performance: Traceability on the age of the egg performance in a flock. Comparison between the egg standards for a breed and its real time productivity. Medicine & Vaccine analysis on DOC.

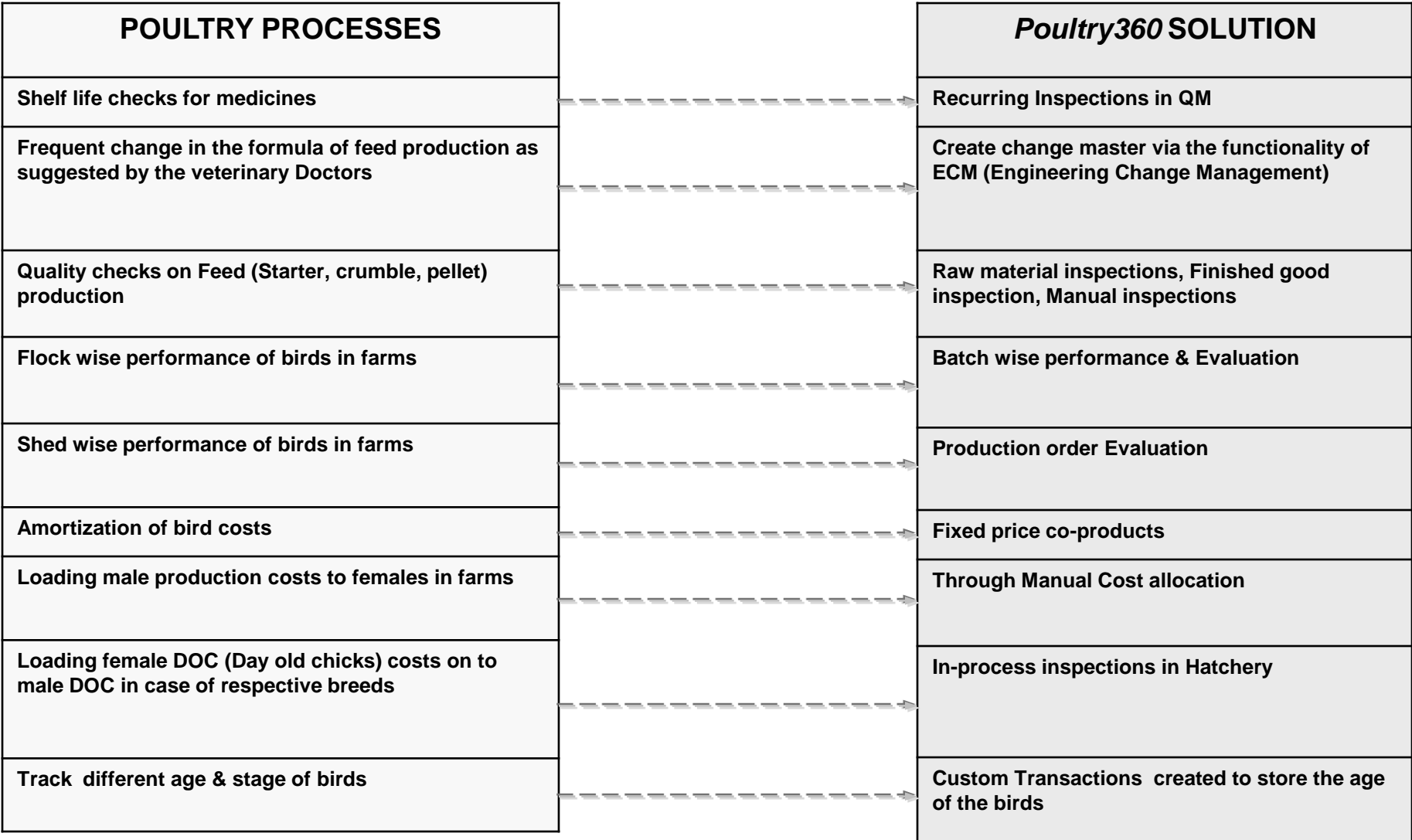
Logistics Reporting: Up-to-date location, quantity, transfer situation (egg, chicken, etc.) in Breeder Farms, Hatchery, Broiler Farms, etc.

Daily Data Feedback: Records the mortality of birds, selection, average weight, etc. occurs in Broiler Farms and Breeder Farms.

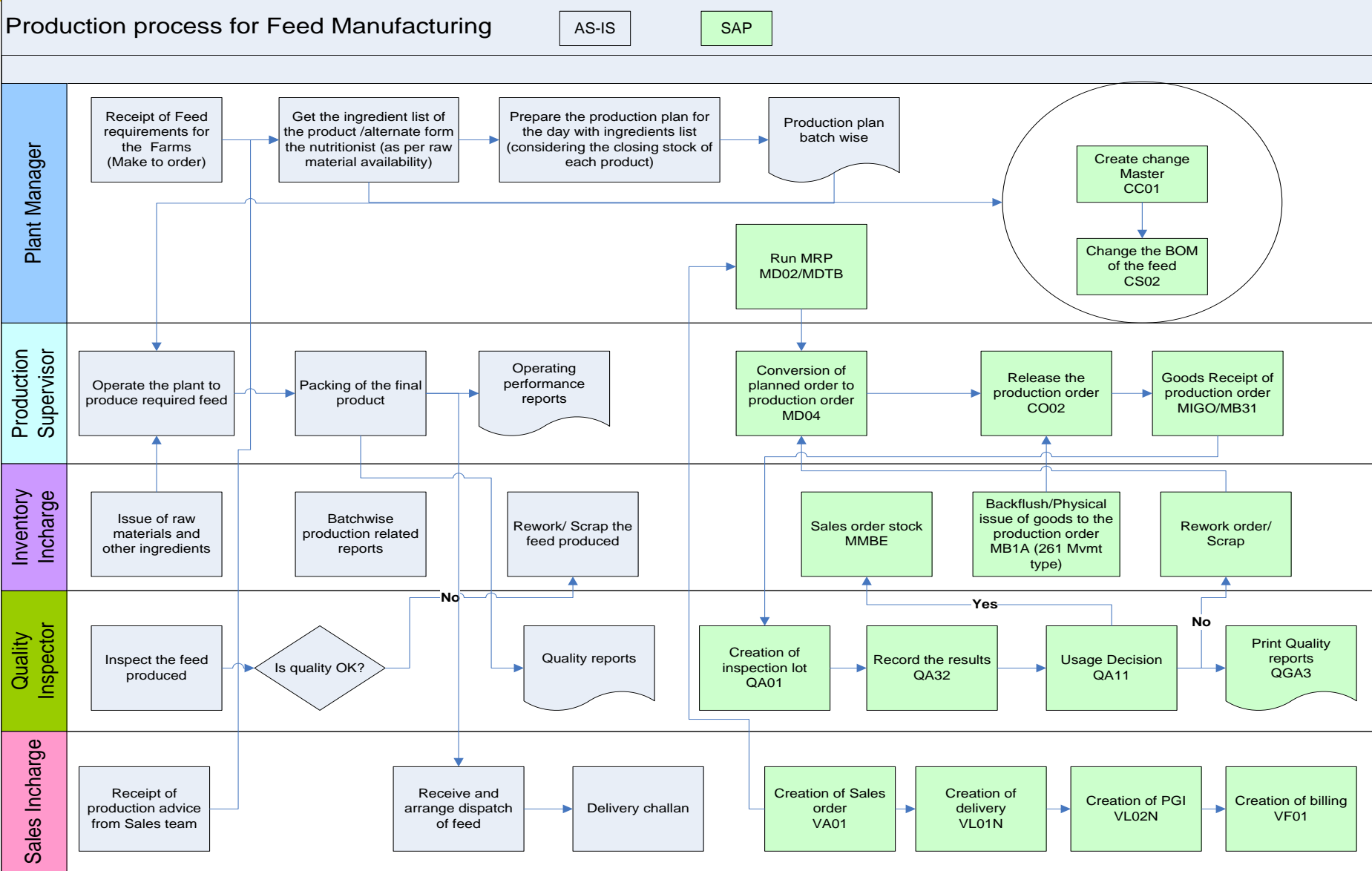
Sector Specific Master Data: Builds up bill of materials, routings, quality plans, inspection characteristics, sampling procedures for Feed mills, Breeder and Broiler farms

Factory Planning & Execution: Preplanning Overview simulates the quantity of the whole chicken required to meet the SKU demand. Planning cockpit does the intricate calculation and generates procurement proposals in case of deficit stock for the cutups.

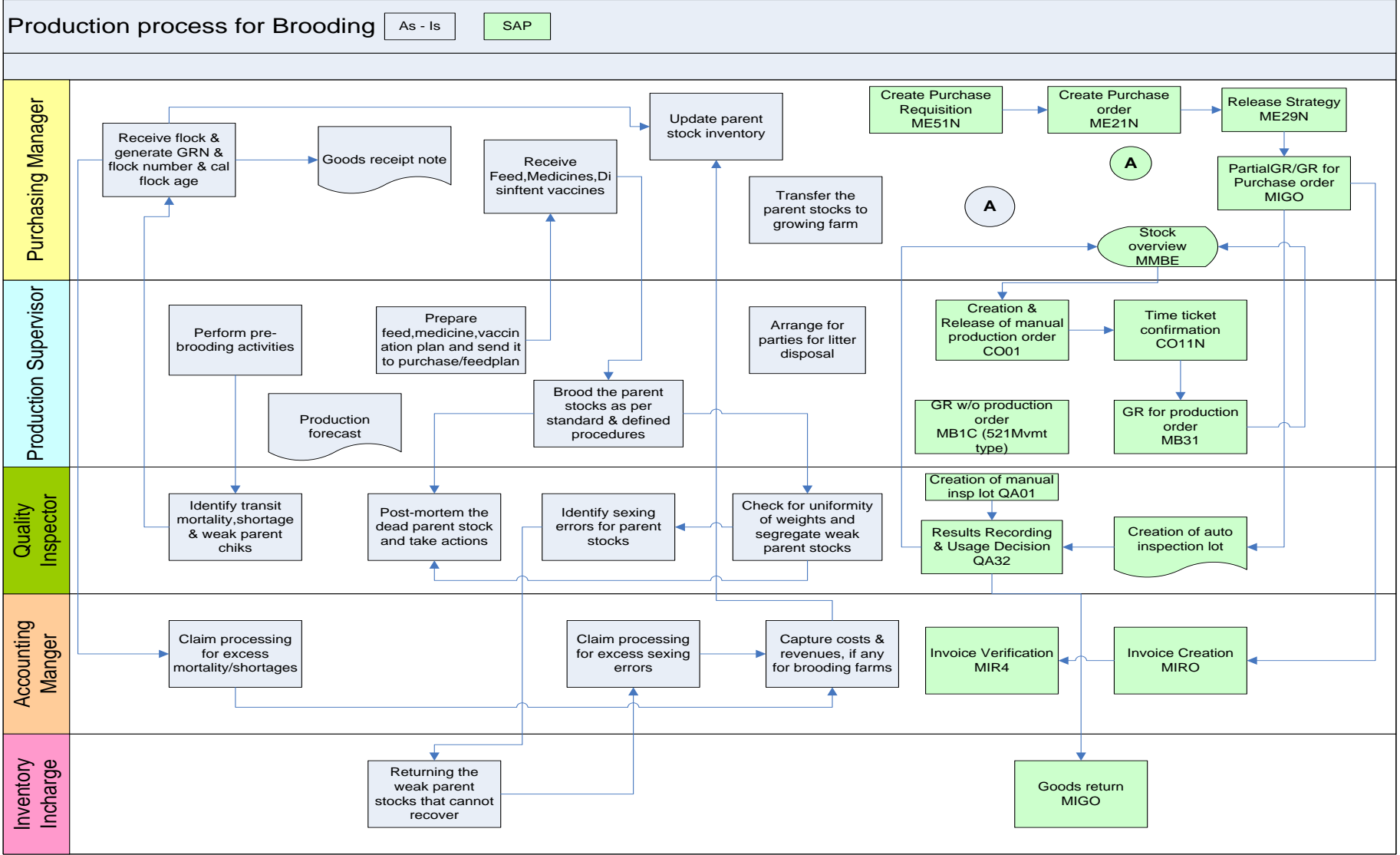
Key Processes of Poultry mapped in SAP



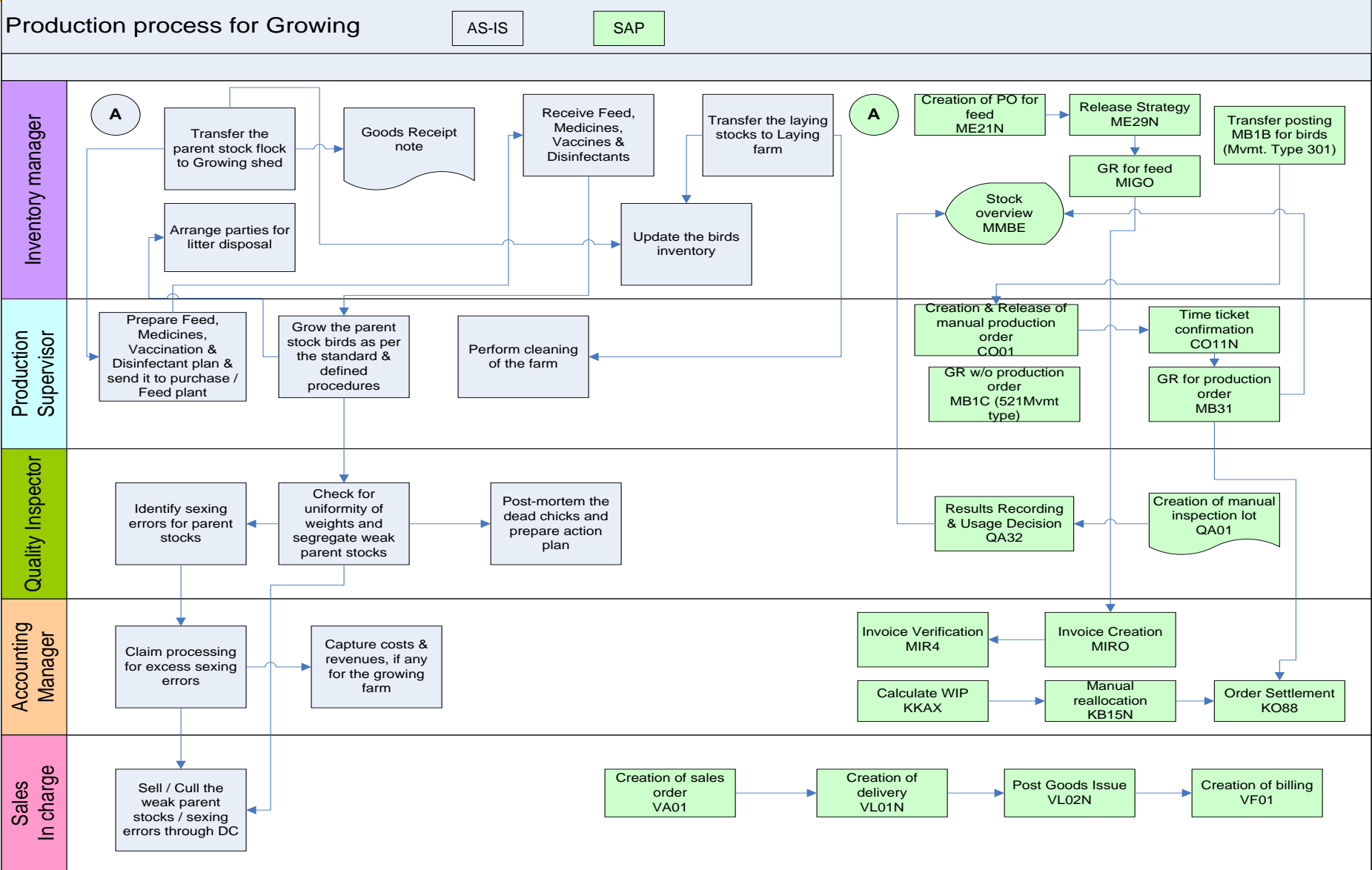
Feed Manufacturing



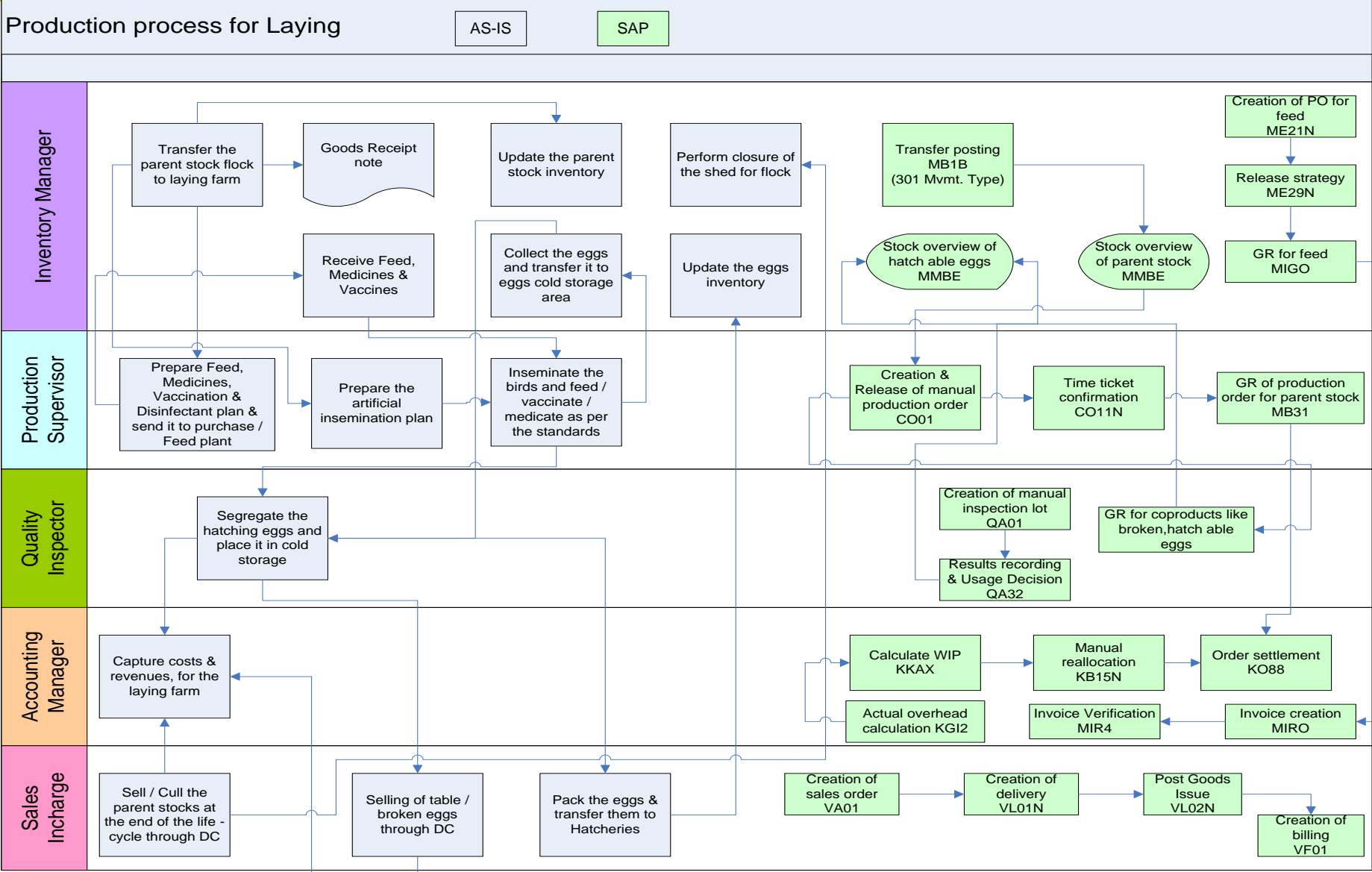
Brooding Process



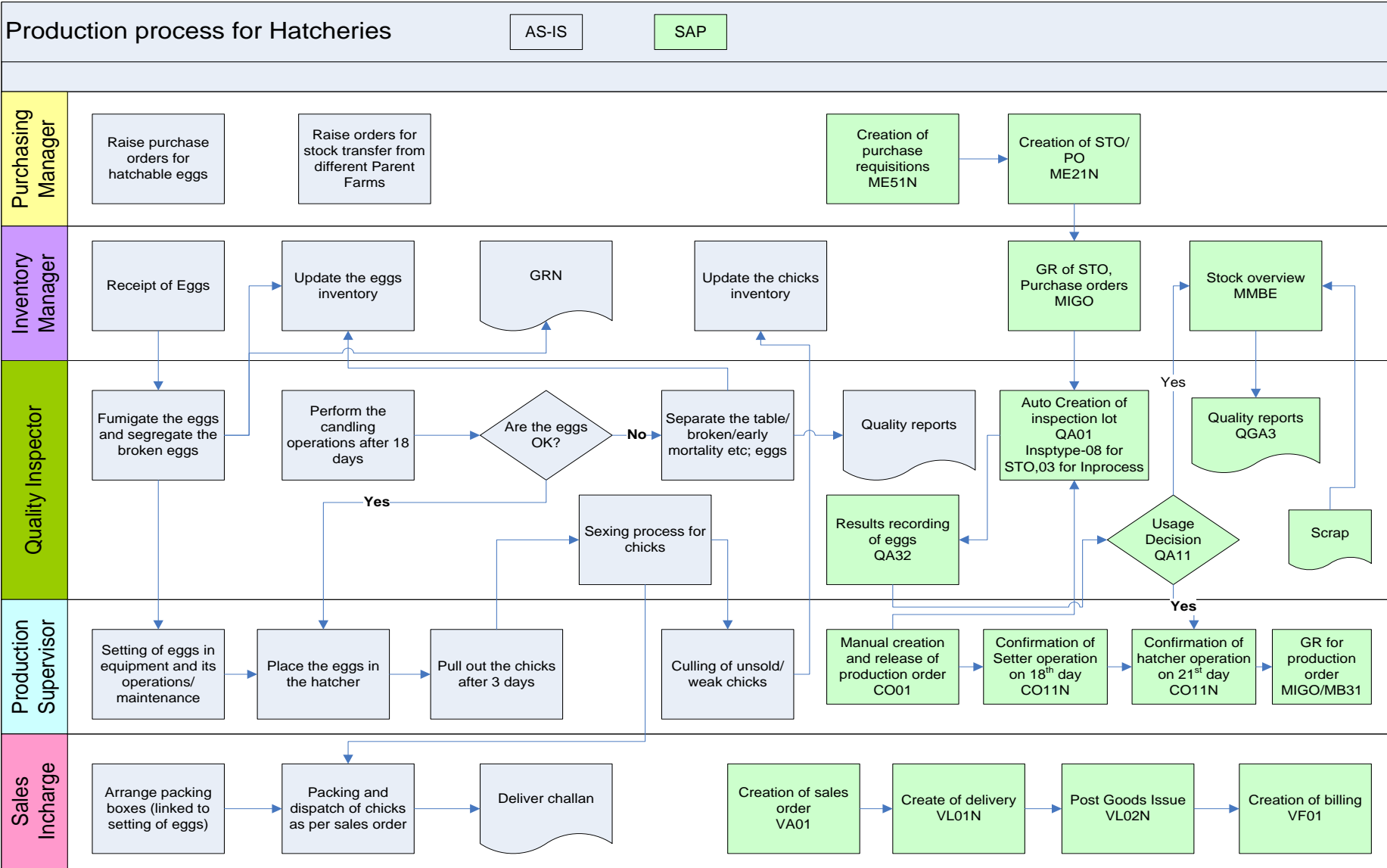
Growing Process



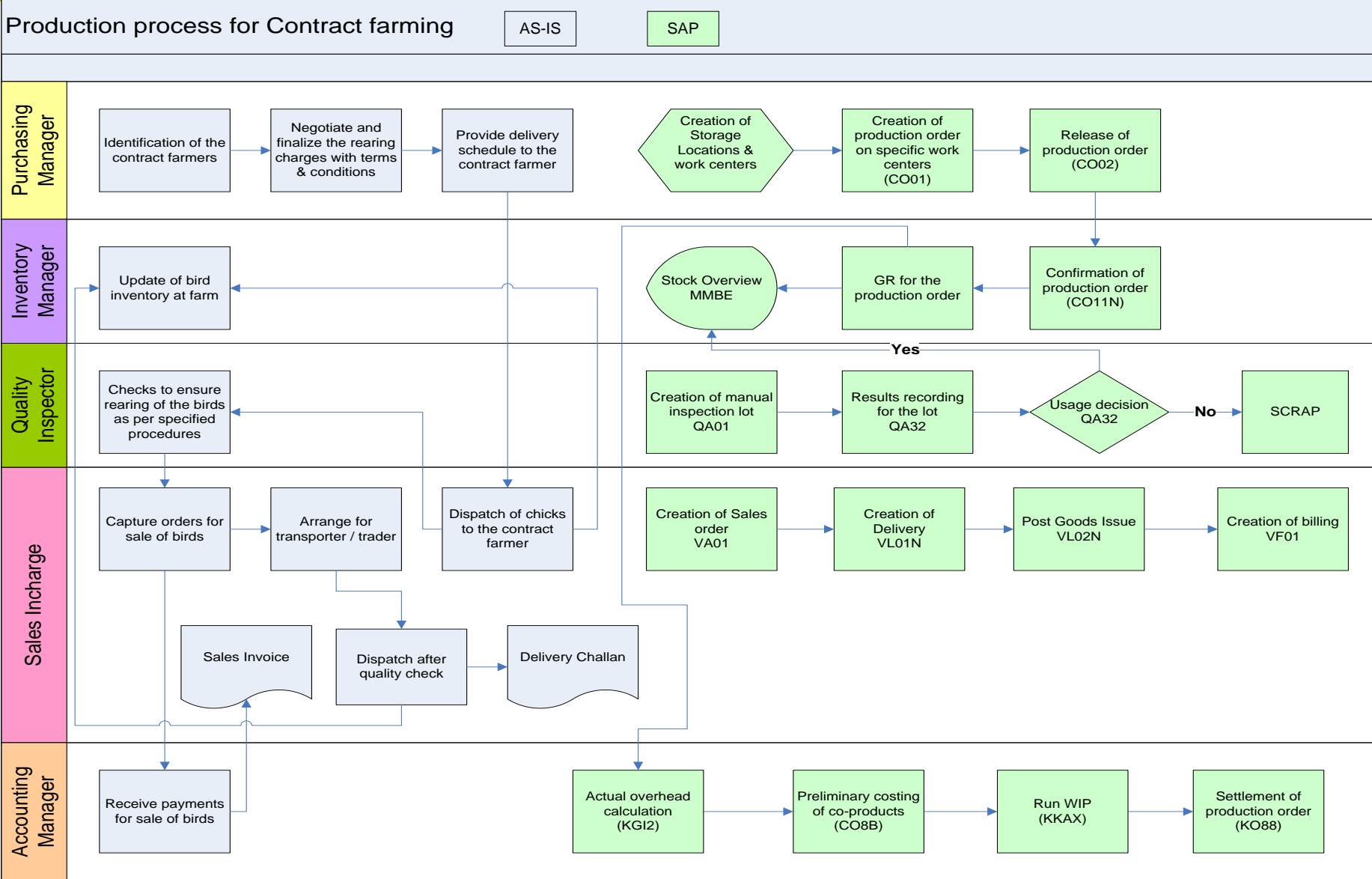
Laying Process



Hatchery Process



Commercial Farming



- **Biotech/Genetic Research—Identification, isolating, Development & Commercializing favorable traits and Suppression of unfavorable traits in Pureline breeds.**
- **Great Grand Parent Farming Process**
- **Retail Sales – Point of Sale of Eggs, Live birds & Dressed Meat**
- **Incorporate the BI Reporting**

Thank You!

