



AgriERP

Introduction and Product Overview

Overview of Folio3

FOLIO3 IS TECHNOLOGY DEVELOPMENT PARTNER TO LARGE ENTERPRISES, SMEs, AND STARTUPS.

We are alums of Intel and Silicon Graphics; techies from MIT; entrepreneurs from Silicon Valley; big believers in technology's potential; bigger believers in human potential.

500+

Clients (banks, booksellers, software giants, game start-ups) that trust and value us enough to be our best spokespersons.

1k+

ERP, AI, cloud, web, and mobile solutions made with love, integrity and lots of caffeine.

400+

People who understand the dual commitment at Folio3: **Customers first, Employees forever.**

18+

Years of Experience in serving top quality solutions globally.

What We Do

A global Microsoft Gold Partner with over 12 years of experience and a one-stop shop for all your Microsoft Dynamics needs.



Gold Enterprise Resource Planning
Silver Data Analytics
Silver Application Development
Cloud Solutions Provider



Mobility

6 Apps
20+ Custom Apps



Integration

31 Connectors
22+ Custom Integrations



Implementation & Customization

Expertise on AX 2009,
2012 & 365
Multiple Deployments
Business Central
F & O



Business Intelligence

6 Pre-built Dashboards
20+ Custom Cubes
Developed





AgriERP – A Product by Folio3

Overview of the Solution

Overview of the Solution

Transform your Business with the World's Leading ERP Software for Agriculture Industry. Automate business processes, save time and resources, and improve your business performance. Providing the following functions, modules and applications into the solution:

FARM

- Farm Dashboard (Map)
- Plantation Management
- Land Parcel Management
- Soil Sampling
- Soil Preparation/Soil Bed
- Planning Activities
- Harvest Activities

CROP

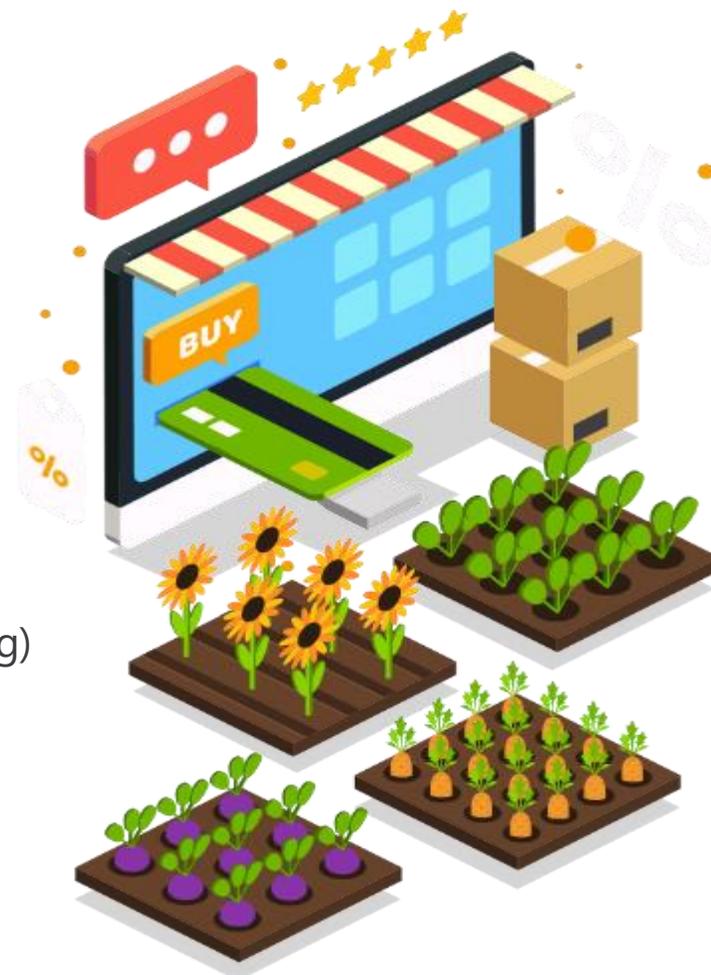
- Crop/Season Planning
- Crop/Season Management
- Crop Protection
- Crop/Season Activity/Operations
- Crop Forecasting
- Fertilizer applications
- Pesticide applications

PACK

- Pack Ahead Planning
- Pack Management
- Depart Date Management
- Production Forecasting
- Live Production Performance
- Streamlined Production (Grading/Packing)
- Label Room

SHIP

- Storage Management
- Transport Management
- Load Management
- Pallet Cross Referencing
- Consignment Trading
- Consignment Traceability





Benefits of AgriERP

Salient Features of the Solution

Benefits of AgriERP



Control



Compliance



Forecasting



Quality



Automation & efficiency



Traceability & mobility



Solution Architecture

Graphical representation of the Solution Design

Solution Architecture

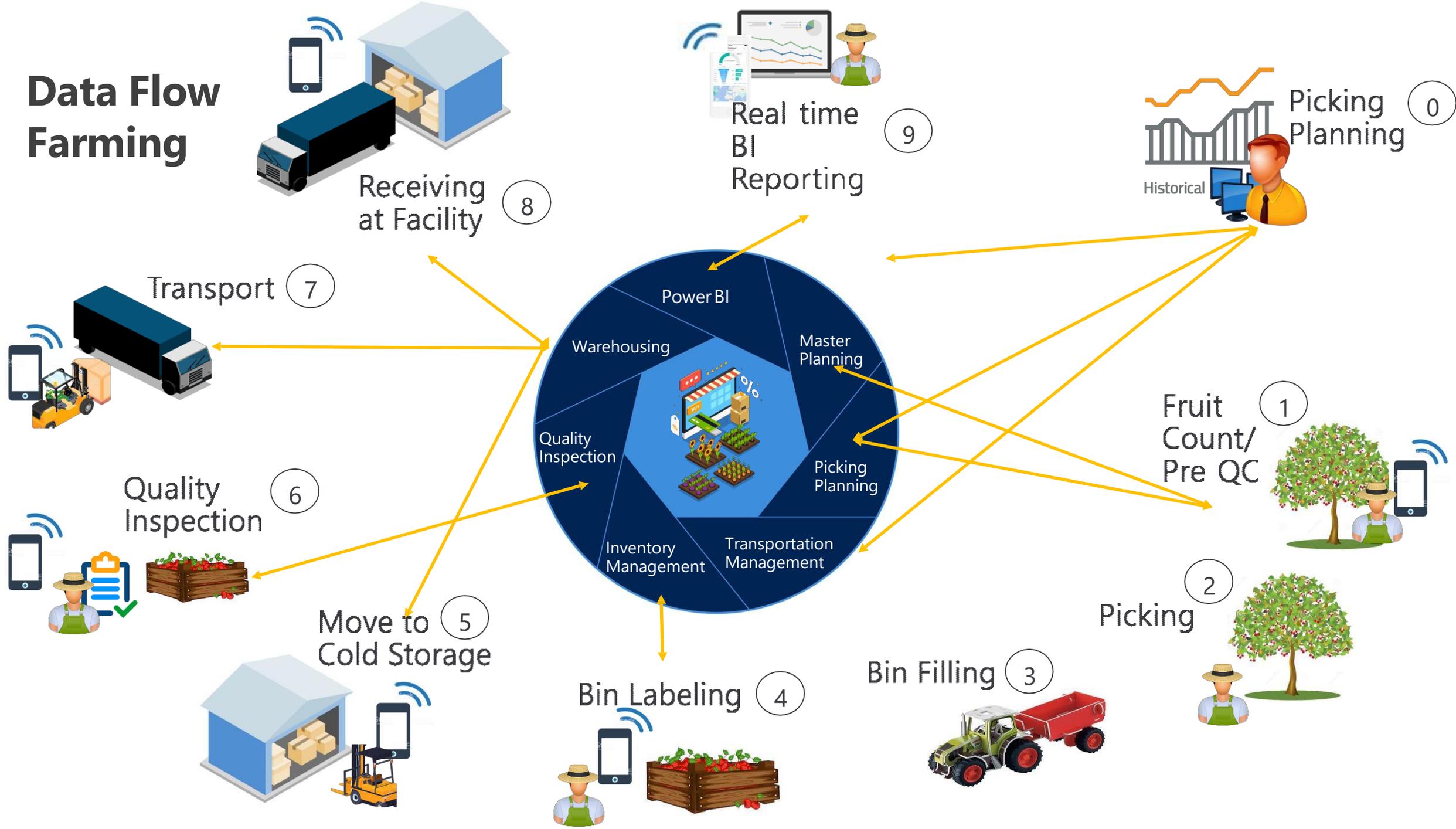




Standard Data Flow

Agriculture Industry

Data Flow Farming



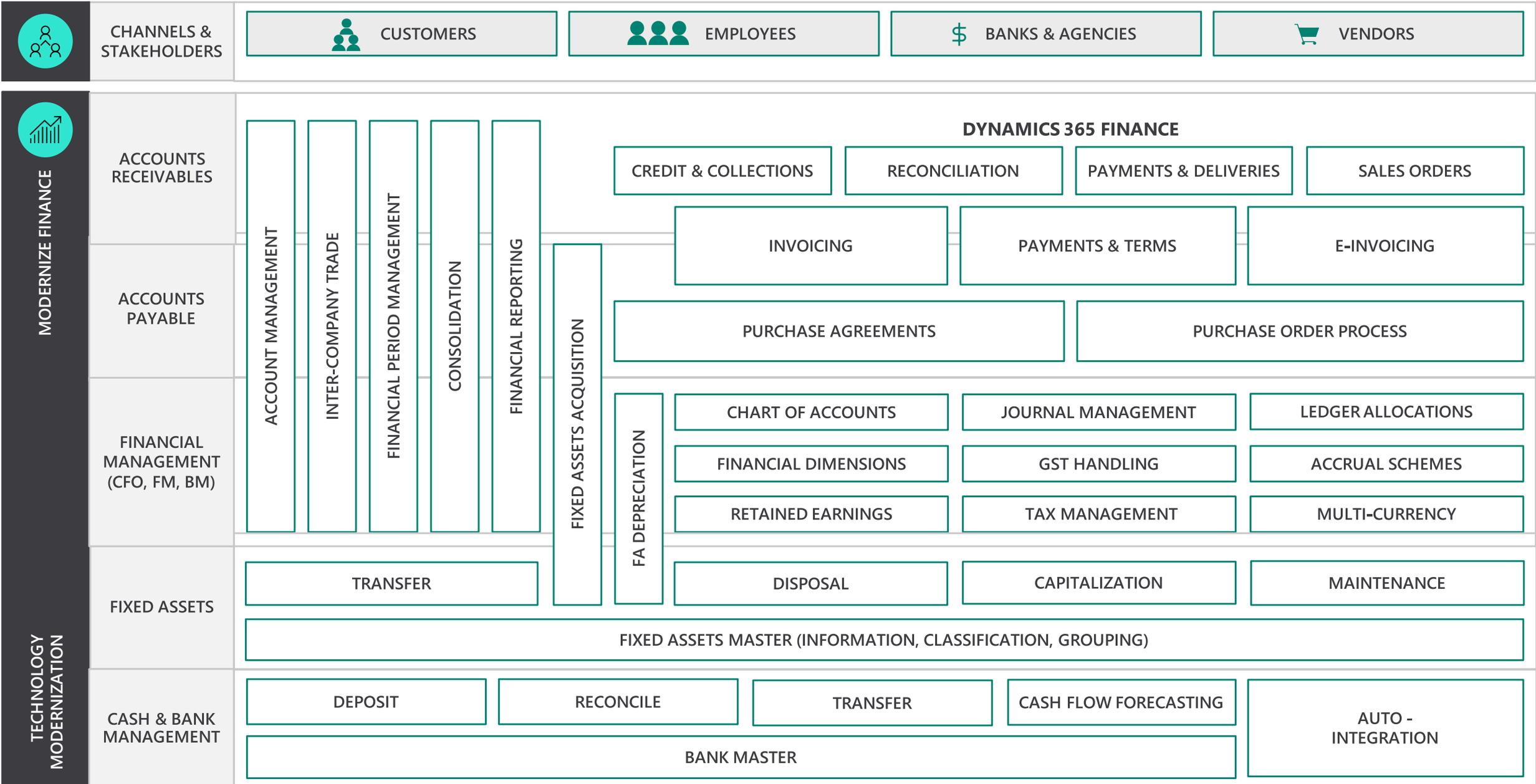
Data Flow Packing



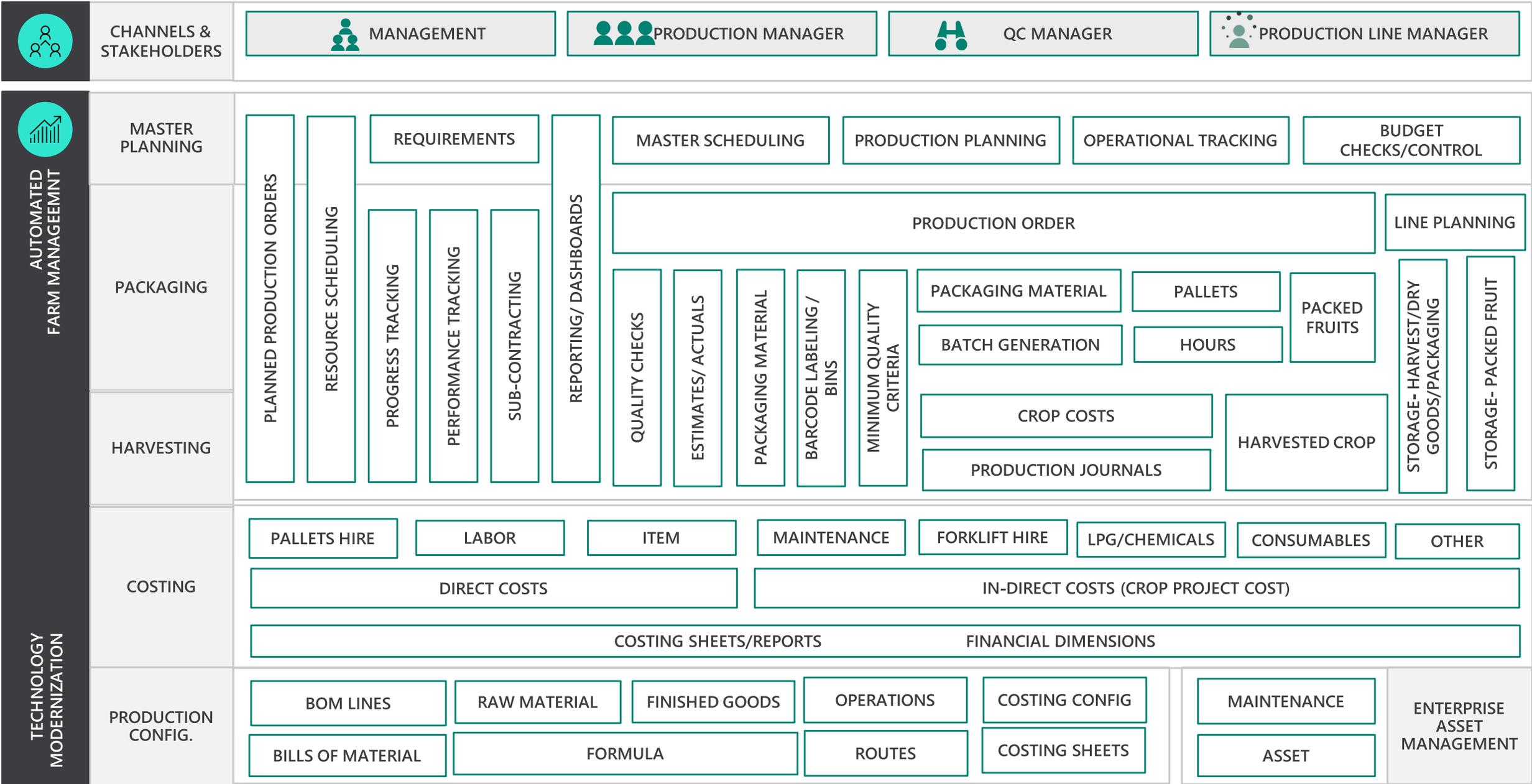
Functional Architecture

Core Capabilities and the Solution Design

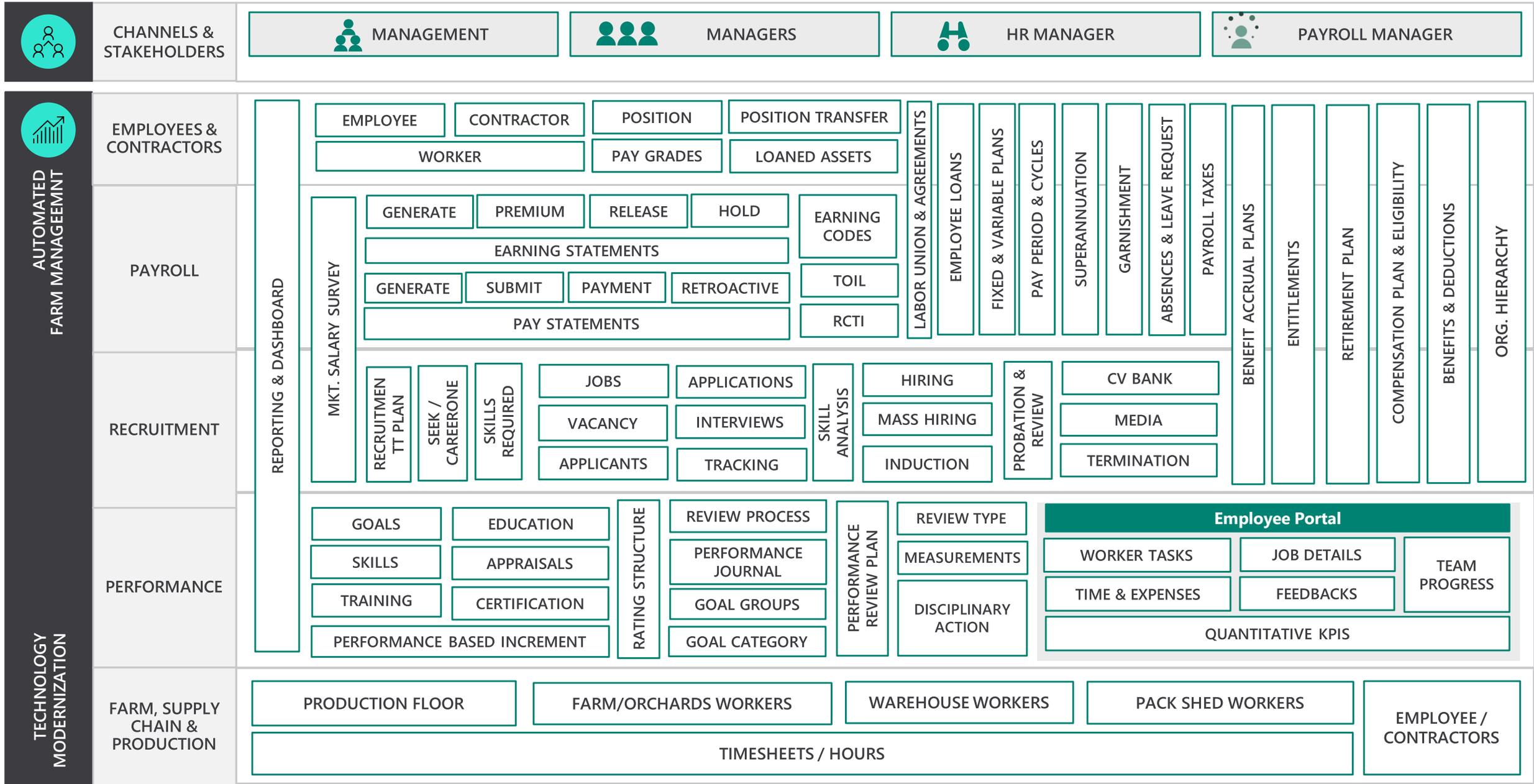
SOLUTION MAPPING – Financials



SOLUTION MAPPING – Production Process



SOLUTION MAPPING – HR & Payroll Processes

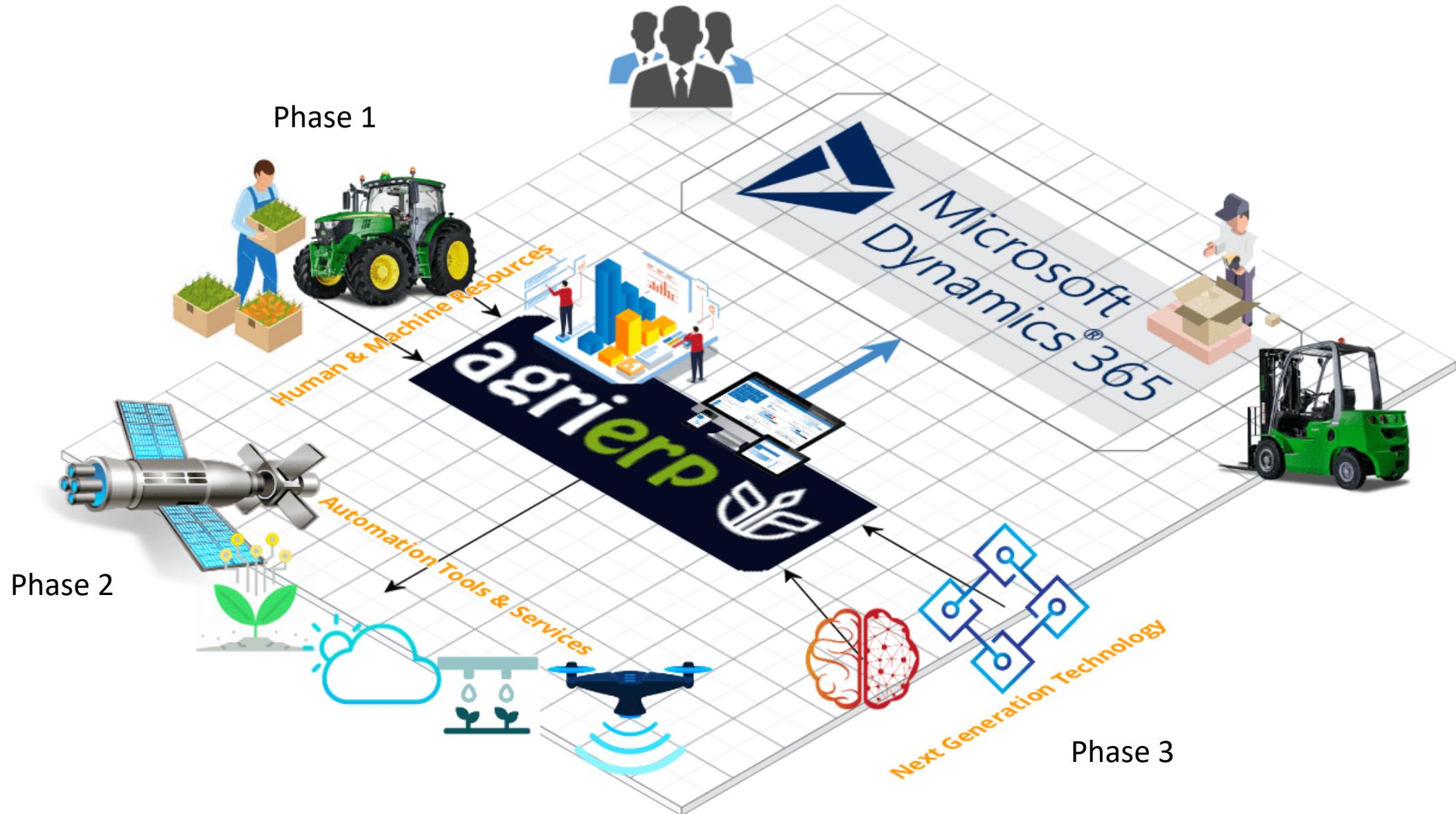




Product Roadmap

Graphical representation of the Product RoadMap

Product Roadmap





Sneak Peak

User Interface of the AgriERP Apps (Mobile and Web)

Manage Labels

Search

	2020063018151BB8 2020-06-30 18:15 Ready
	202006300653B773 2020-06-30 06:53 Dispatched
	20200327124366DE 2020-03-27 12:43 Ready
	20200326040935DD 2020-03-26 04:09 Ready
	2020032604082311 2020-03-26 04:08 Ready

Update Bin Weight

7 25272 73070 6

Label ID: 202006300653B773 Status: Dispatched

Supervisor: John Doe
Yakima, WA98901

Bin Weight: 1

Update Weight

agrierp

M Fahad
Manager

Generate Label

Manage Labels

Update Bin Weight

Scan Label

Receive Bin

agrierp

Takashi Andrews
Worker

June 30, 2020
Tuesday

20 Partial Cloudy
Good For Spray

South Side NSW

Fruit Count
Upcoming Task
No Task Today

Spray Diary
Upcoming Task
3 Task(s) Today

Irrigation
Upcoming Task
Yesterday

Quality Check
Upcoming Task
Yesterday

Spraying

20 Partial Cloudy
Good For Spray

15.37 ml/hN Wind Speed
32% Humidity
20% Cloud Cover

South Side NSW
00195-10 Draft
2020-08-12 00:00

Crop Name: Broccoli
Technical Inspector: Takashi Andrews

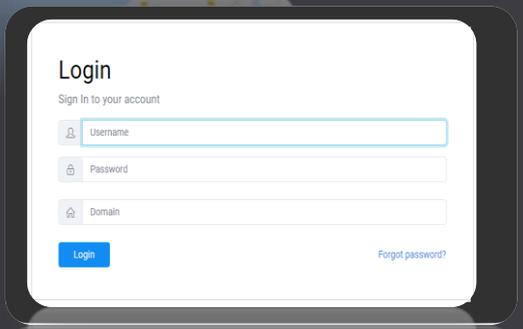
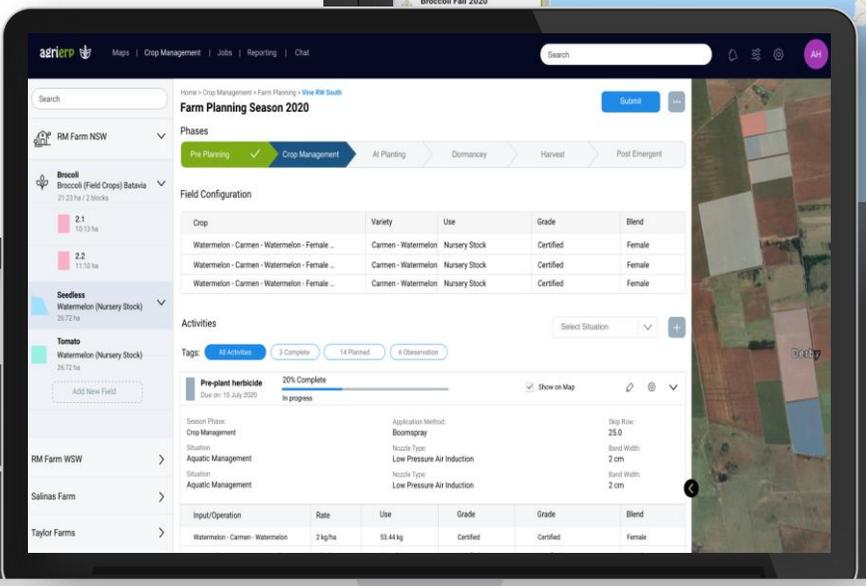
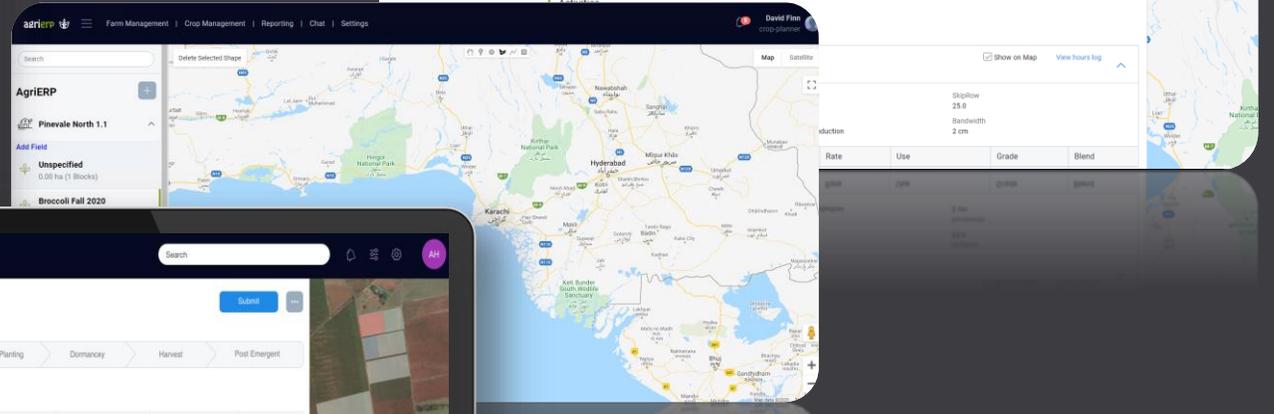
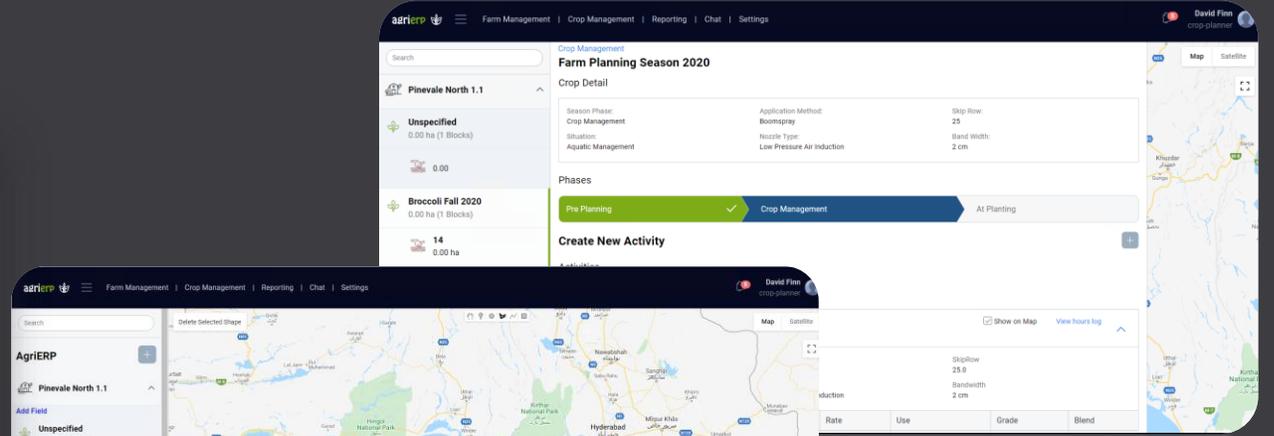
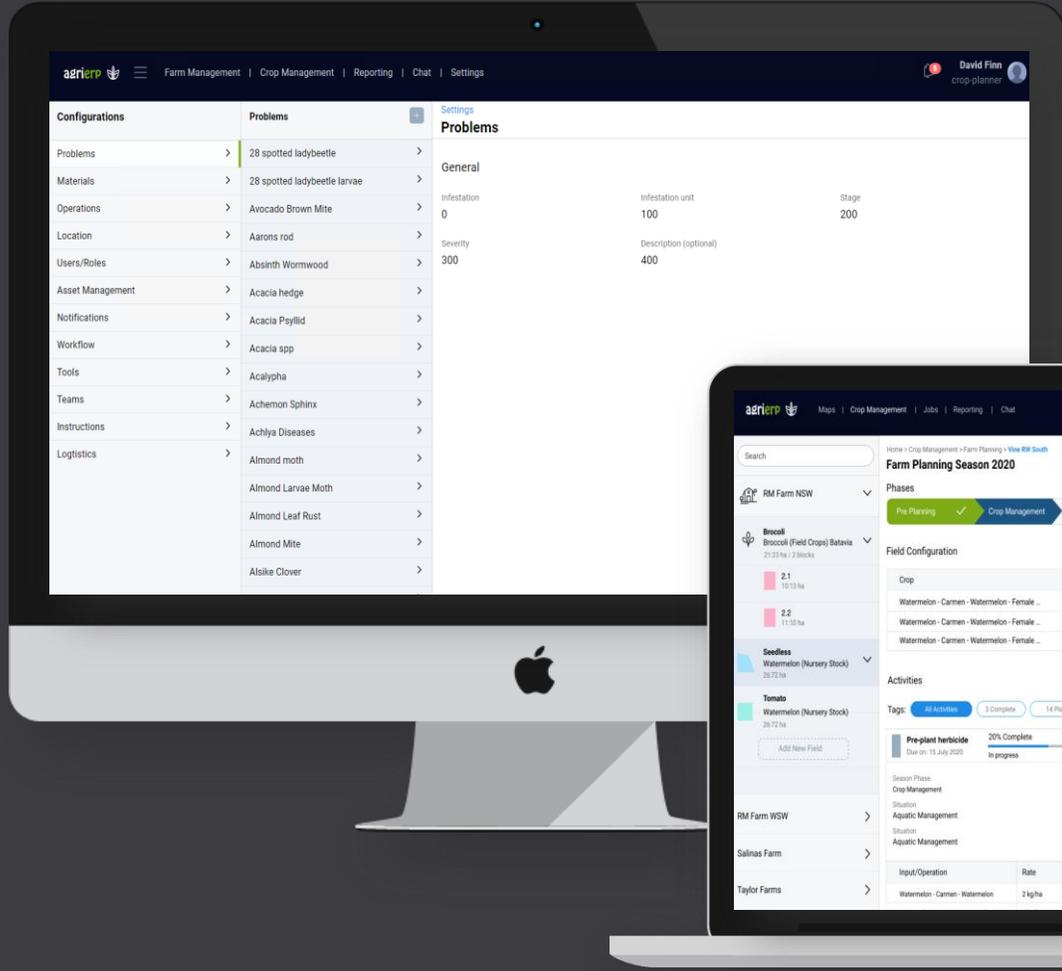
Farm Field Area: 11 Location Farm USA
Farm Field Hecta: 1,500

Product Number and Name(s) [Items]

Target pest, disease or weed [Item]

Total Spray Mixture Amount (per hecta)
0

Start Task



Web Apps



Dashboards

Reporting Interface of the AgriERP Dashboards

Active Sites

Farm Picking
Executive KPIS

3

Expected Sites: 6 (-3.00 -50%)

Picked Today

2.19K

Expected Load: 2.00K (+190.00 +9.5%)

Picking Rate

0.75

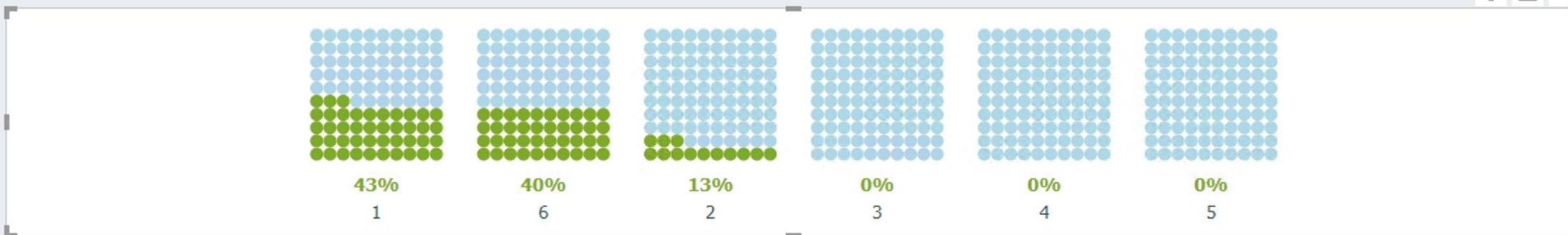
Expected Rate: 0.75 (+0.00 +0%)

Active Worker Today

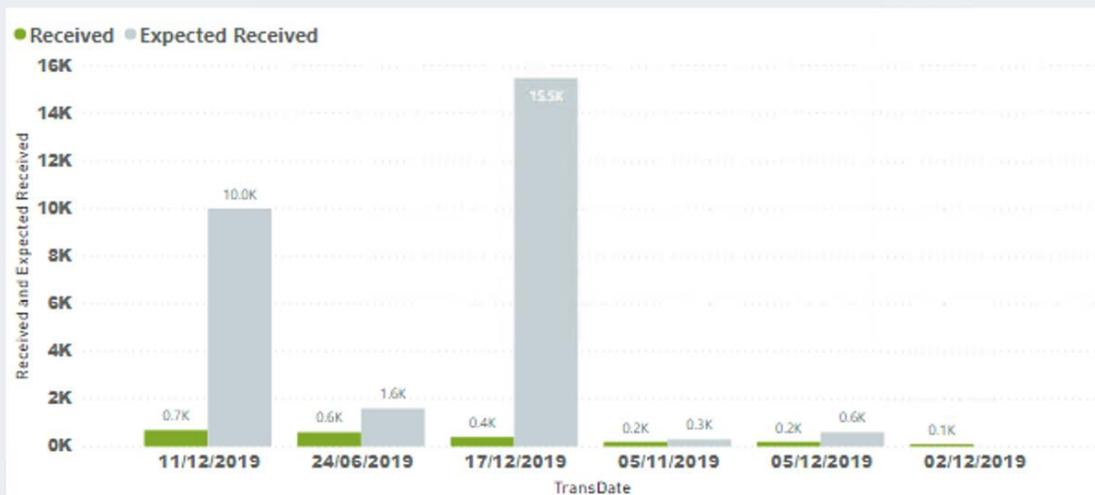
7

Expected Load: 10 (-3.00 -30%)

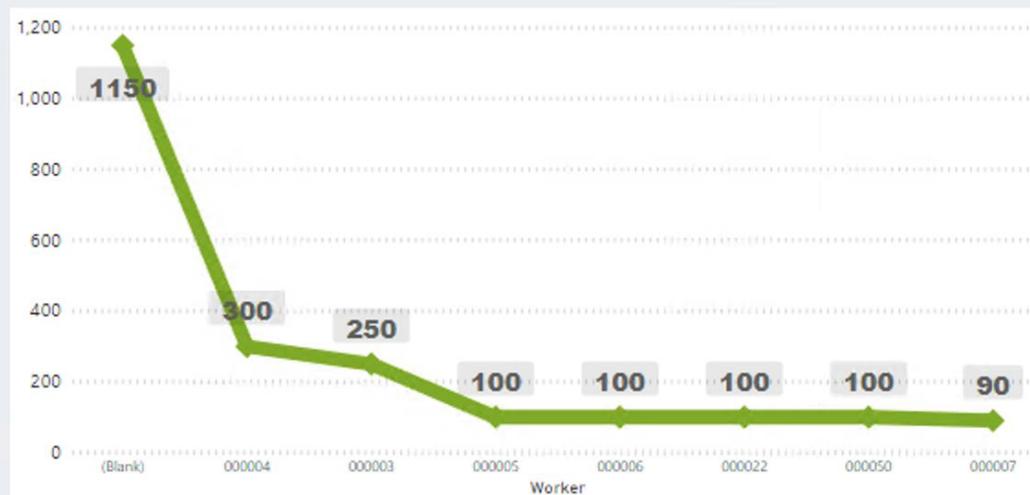
Farm Picking Activity



Picking Productivity



Worker Productivity



Production & Planning

Executive KPIS

Supply

200K!

Expected: 350K
(-150000.00 -42.86%)

Demand

250K✓

Expected: 180K
(+70000.00 +38.89%)

Man Hours

200!

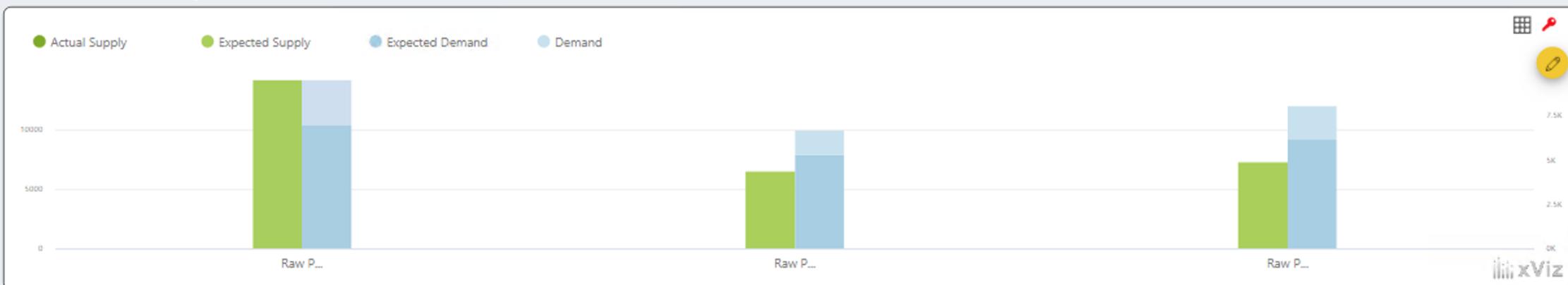
Expected: 350 (-150.00 -42.86%)

Packable

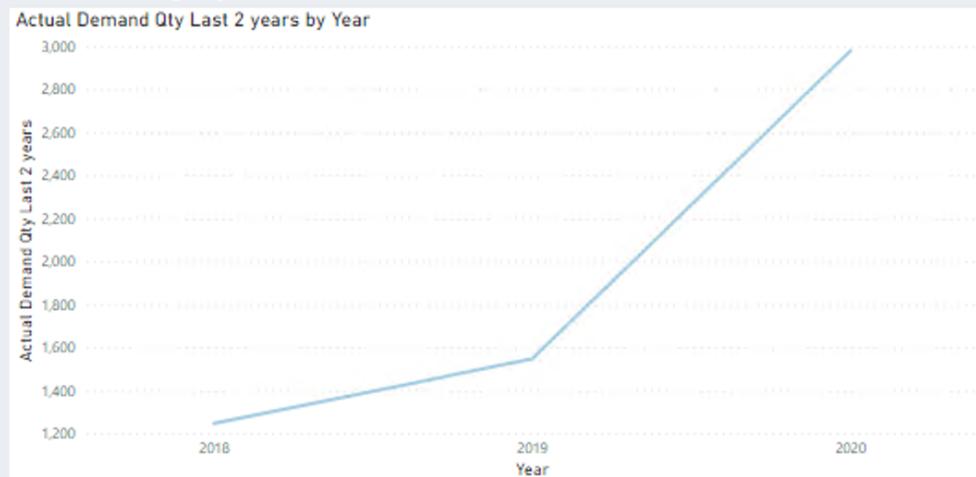
10K✓

Expected: 9K
(+1000.00 +11.11%)

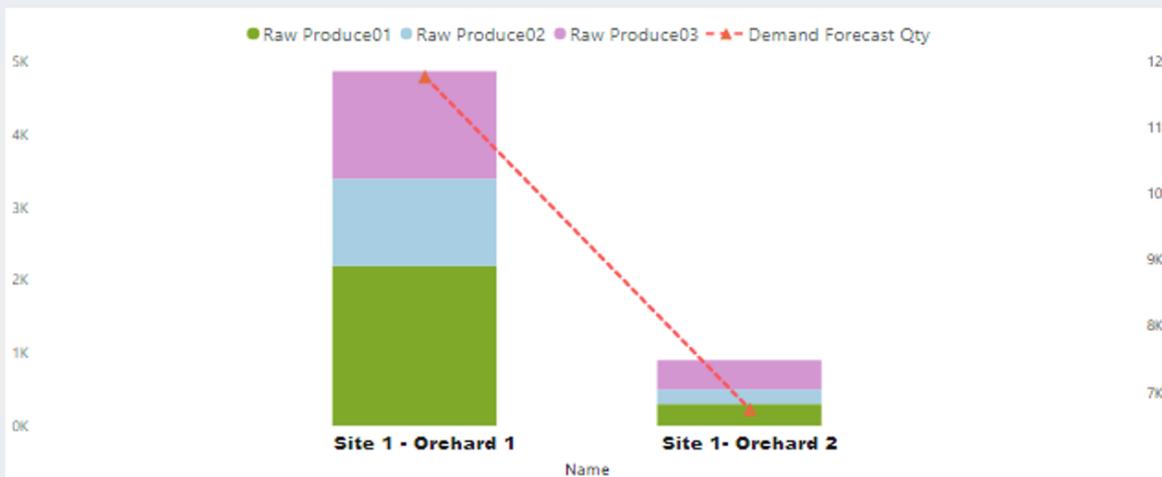
Yield Productivity



Forecasting By Year



Orchard



Shed Activity
Executive KPIS

Active Sites

2.19K ✓

Expected Sites: 2.00K (+190.00 +9.5%)

Picked Today

2.00K !

Expected Load: 2.19K (-190.00 -8.68%)

Picking Rate

2.19K ✓

Expected Rate: 2.00K (+190.00 +9.5%)

Active Worker Today

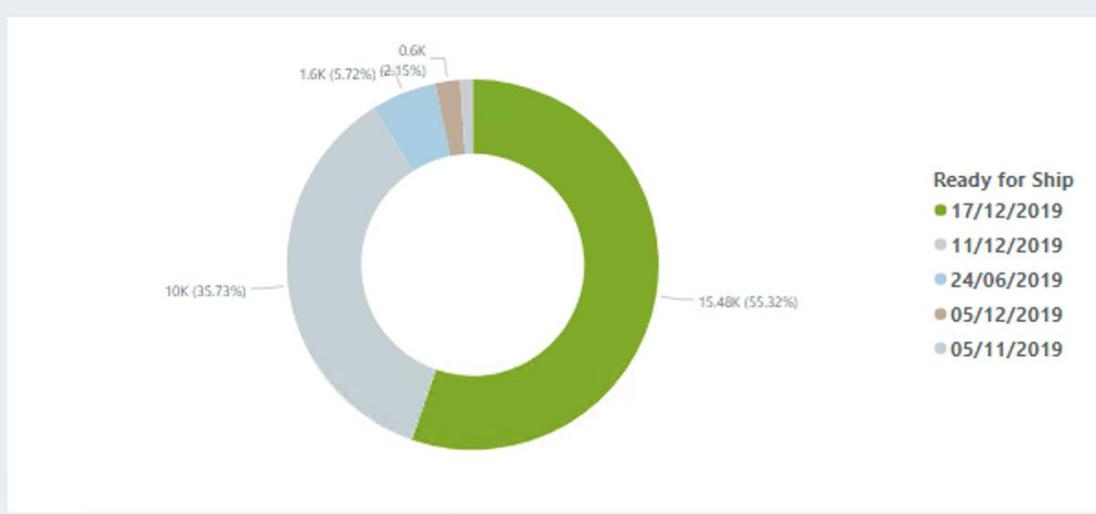
2.00K !

Expected Load: 2.19K (-190.00 -8.68%)

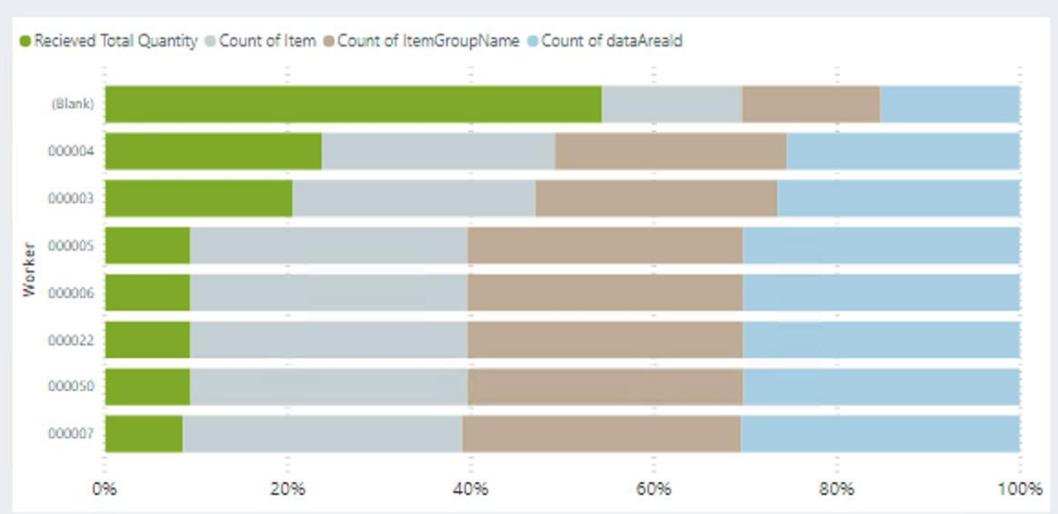
Storage Space



Total Volume



Load Status



Production
Executive KPIS

4 Orders 
30 Expected

26
Total Order

1.5 k Ready 
6500 Expected

8000 kg
Ready for shipped

-5% Picked 
35% Expected

30%
QC

-16 Workers 
25 Expected

14
Active Workers

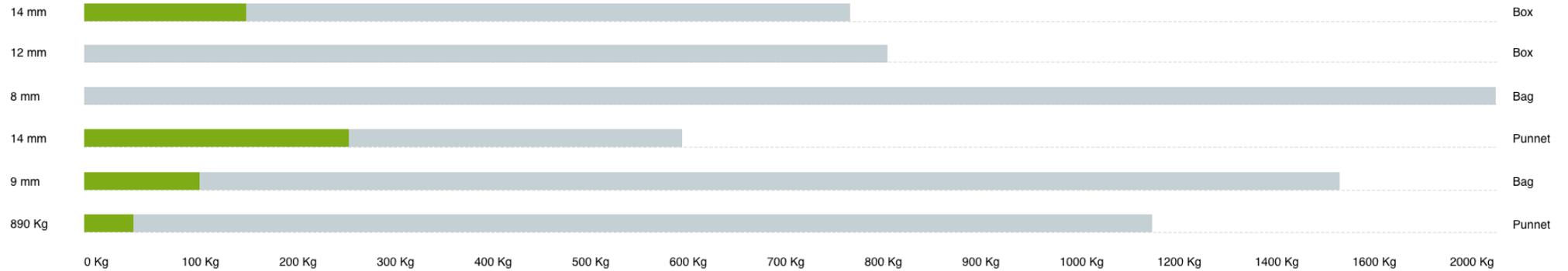
Lane Progress

All Lanes 

Total Lanes: 3

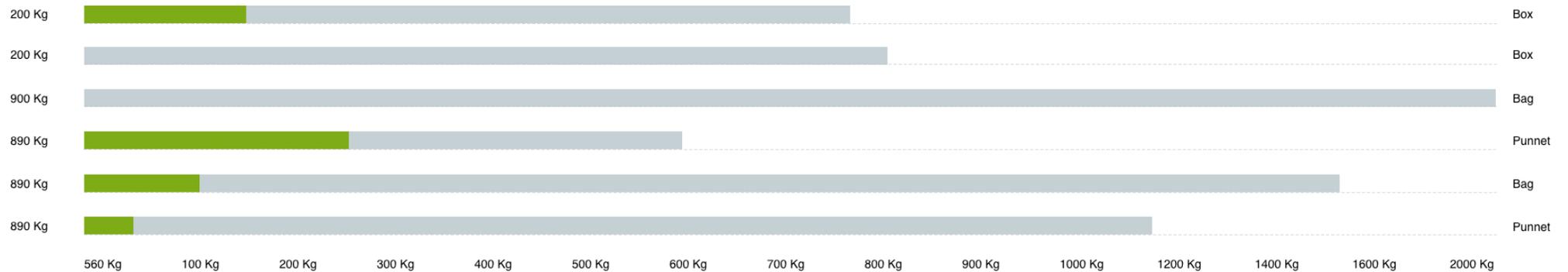
East Lane

14 Active Workers | 2000 Kg | 4 Lanes active 



East Lane

6 Active Workers | 2000 Kg | 4 Lanes active 





Production
Executive KPIS

4% Orders ▼ **27** Orders
30 Expected

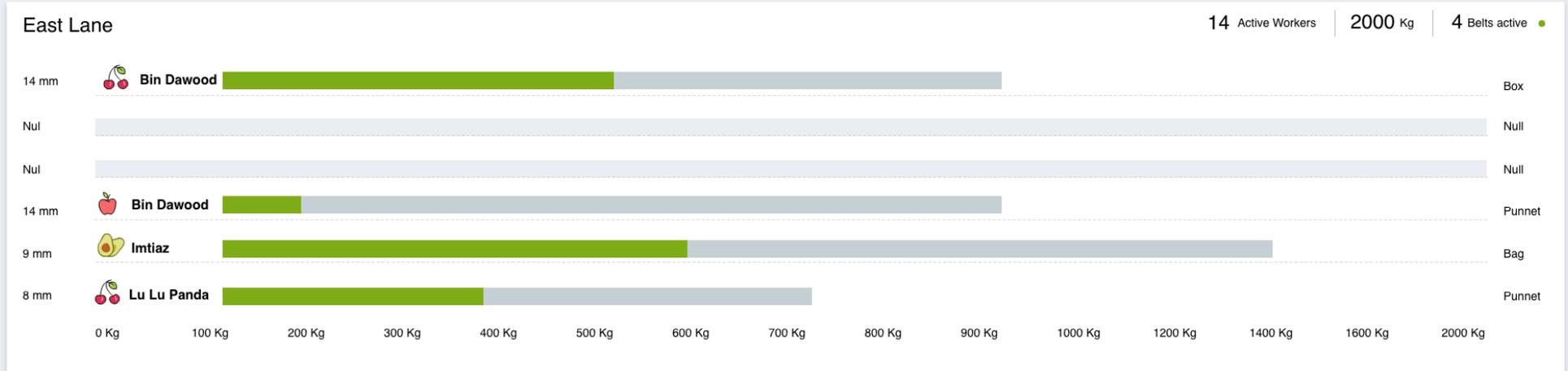
1.5% Packed ▲ **8000 kg** Volume
6500 Expected

-5% Picked ▲ **3000 Kg** Shipped
35% Expected

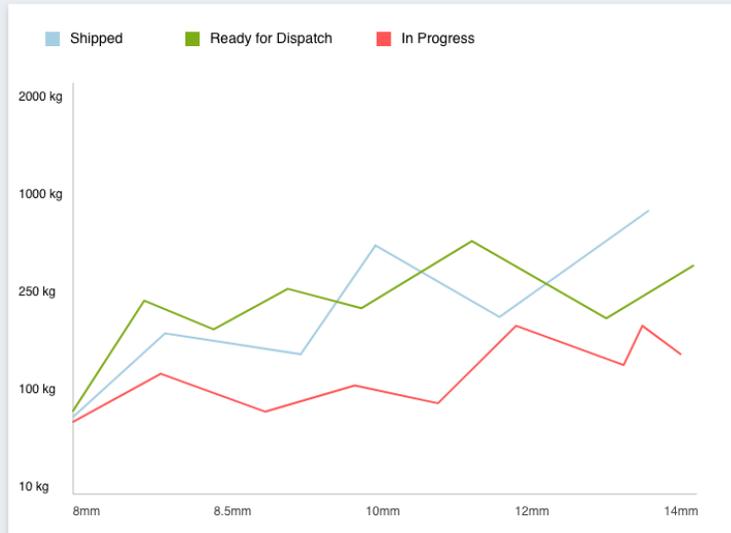
-16 Workers ▼ **14** Active Workers
25 Expected

Lane Progress

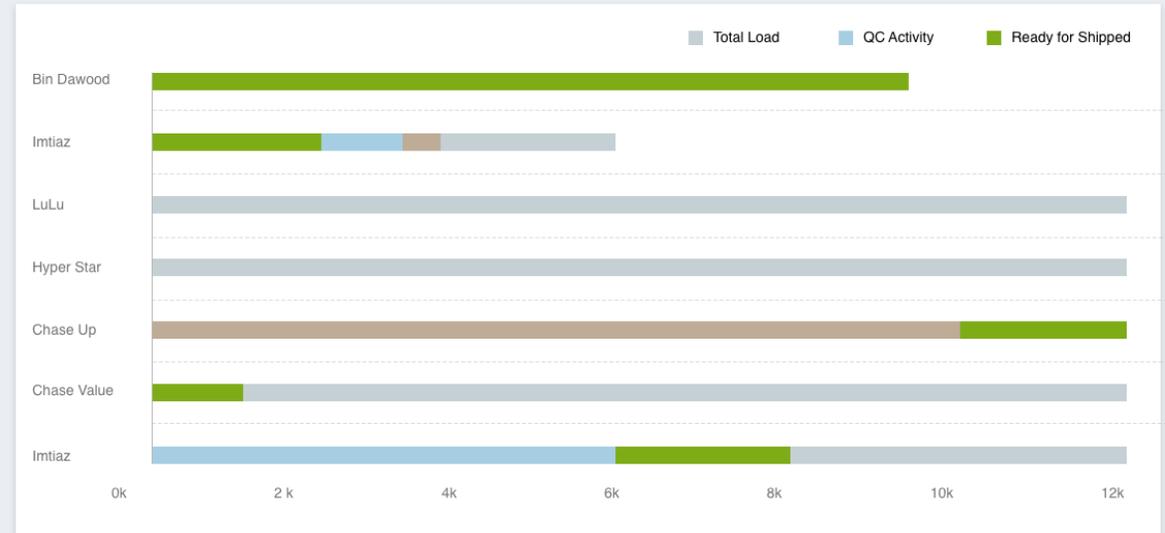
All Lanes ▼ **Total Lanes: 3**



Dispatch



Orders



Production
Executive KPIS

4% Orders
30 Expected

27 Orders

1.5% Packed
6500 Expected

8000 kg Volume

-5% Picked
35% Expected

3000 Kg Shipped

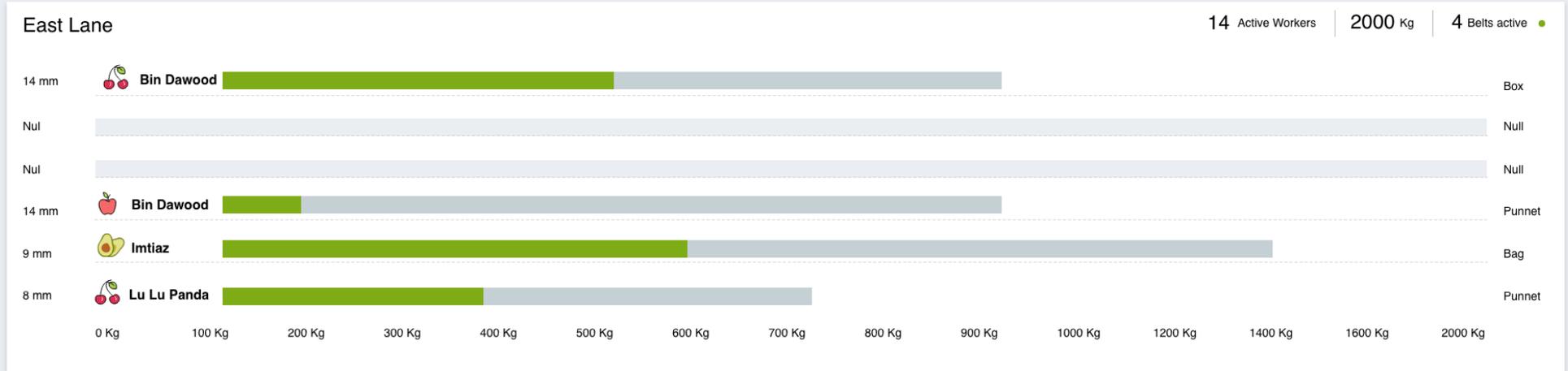
-16 Workers
25 Expected

14 Active Workers

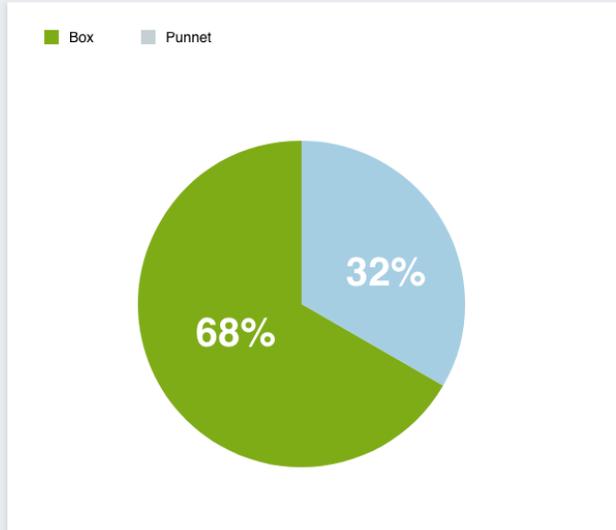
Lane Progress

All Lanes

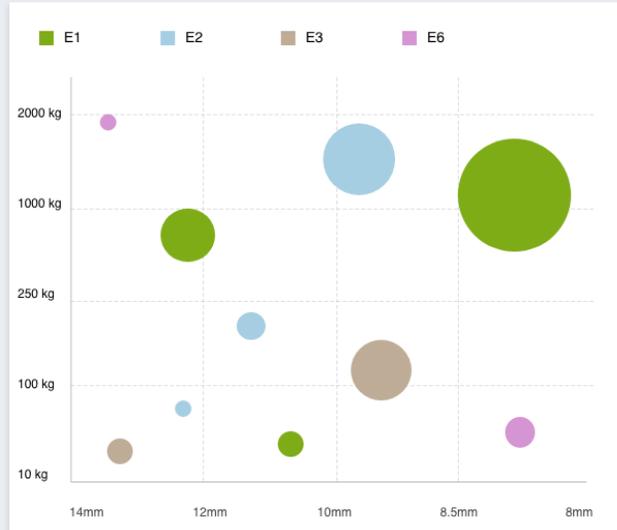
Total Lanes: 3



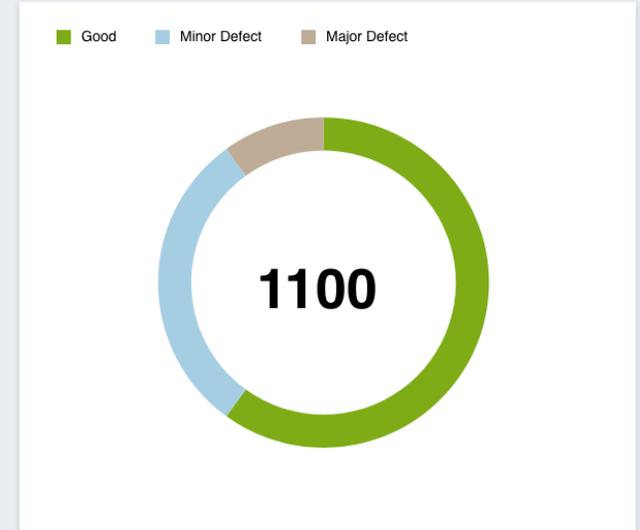
Inventory



Grador



QC



Process Overview

Approach for the Implementation Process of the Solution

Process Overview



From in-depth experience Folio3 has carved out an Optimal Process to ensure ERP repeatable success. Coupled with its experienced and skillful team, ERP Implementations are no more fuzzy but a Success!



UAT, Training, Go-Live

2-4 weeks
Onsite team availability

03

Implementation

8-12 weeks
Onsite weekly meetings

02

Discovery & Solution Design

2 weeks
Onsite Discovery Workshops

01

Discovery

Identification of problems and pain points currently faced by the existing system. Proposing a solution according to the end requirements to improve efficiency.



Implementation

Implementing the proposed solution within the proposed timeline with mentioned features and within the budgets.



UAT, Training, Go-Live

User Acceptance Testing, with training sessions for awareness and post implementation support.





Methodology

Development Process, DevOps and Support

Development Process - Agile

Folio3 Analyzes, Designs & Plan Releases

Requirements are analyzed, often wire-framed where needed and a Release plan is created and shared with the client's team.

Folio3 Develops & Tests

Development happen in sprints and functionality is released for Testing to QA team which performs Functional, Regression & Exploratory testing.

Client Testing

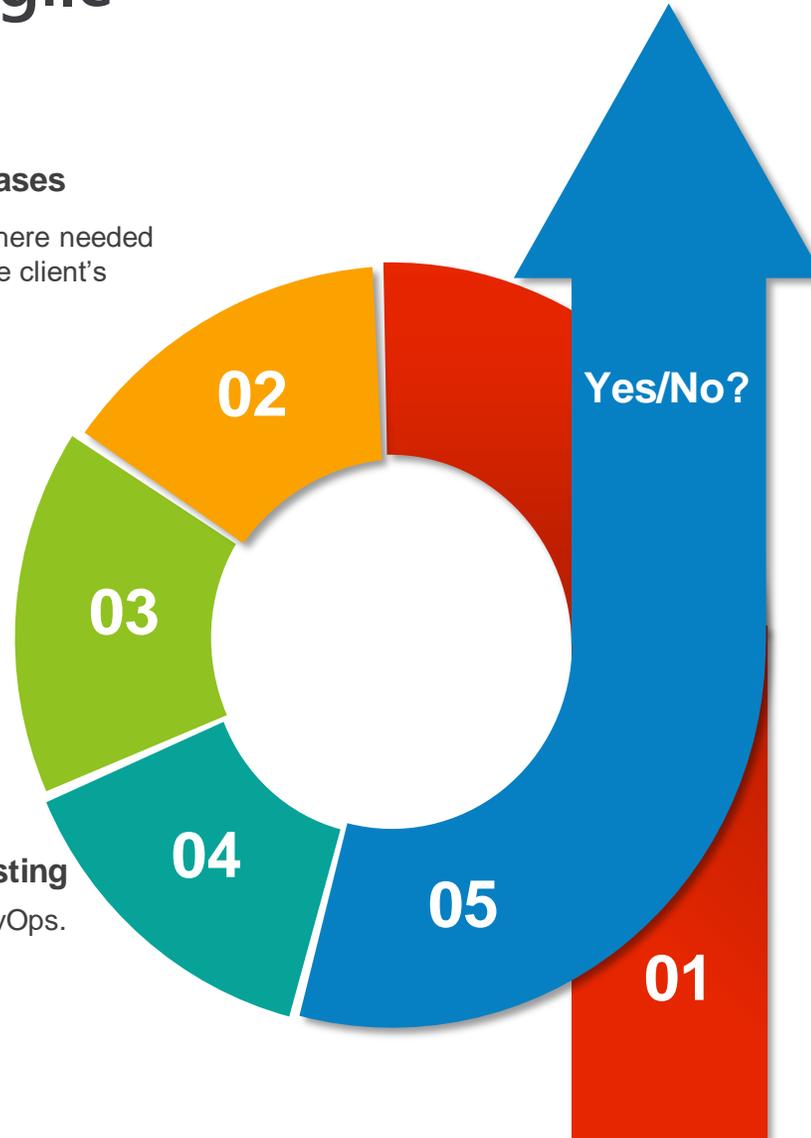
Client perform testing and report issues in VSTS DevOps.

Client Acceptance and Sign-off?

Client will review the changes and approve items for the next cycle.

Client Defines Requirements

Requirements are received in the form of text and wire frames.



DevOps Process



Continuous Integration

- Code Quality Standards
- Effective Branching
- Feature Toggling
- Isolated Dev environments



Continuous Delivery

- Infrastructure as Code
- Configuration Management
- Delivery Pipelines



Continuous Deployment

- Release Promotion
- Controlled Release Environments
- Canary Release
- Dark Launch



Managed Services

- Application Support
- Process Governance
- Incident Management

Support Process (Proposed)



Value Proposition

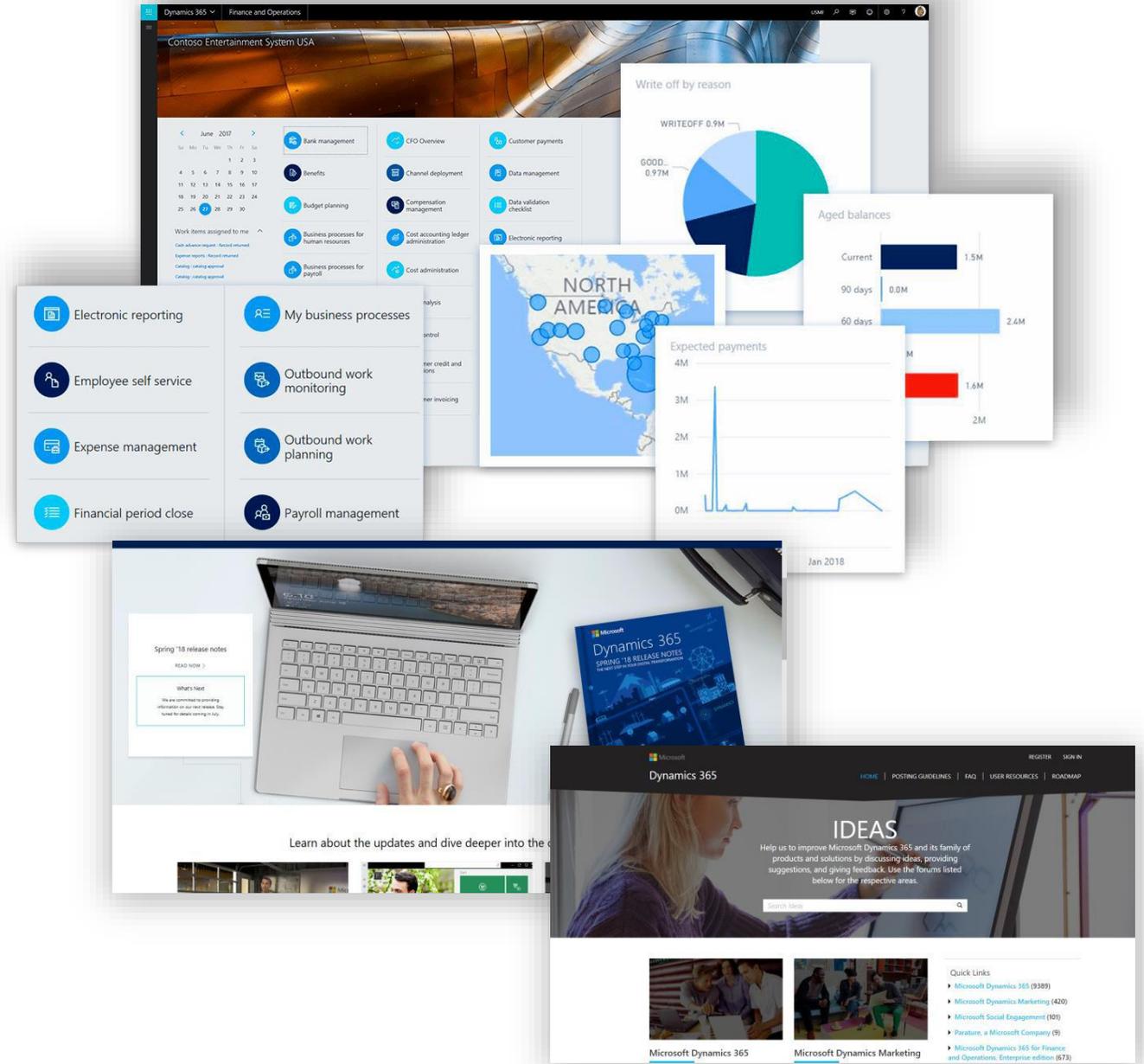
What does Folio3 brings to the table ?

Folio3 Advantages



Next steps

- Requirements
- Initial Discovery Phase
- Business Planning & Estimation Letter
- Proposal/S.O.W
- Sign-off
- Project Initiation





Thank you



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