



Intelligent, Safe and Accurate Weighing

Fully Integrated With Your ERP System



**Formulation &  
Additive Weighing**

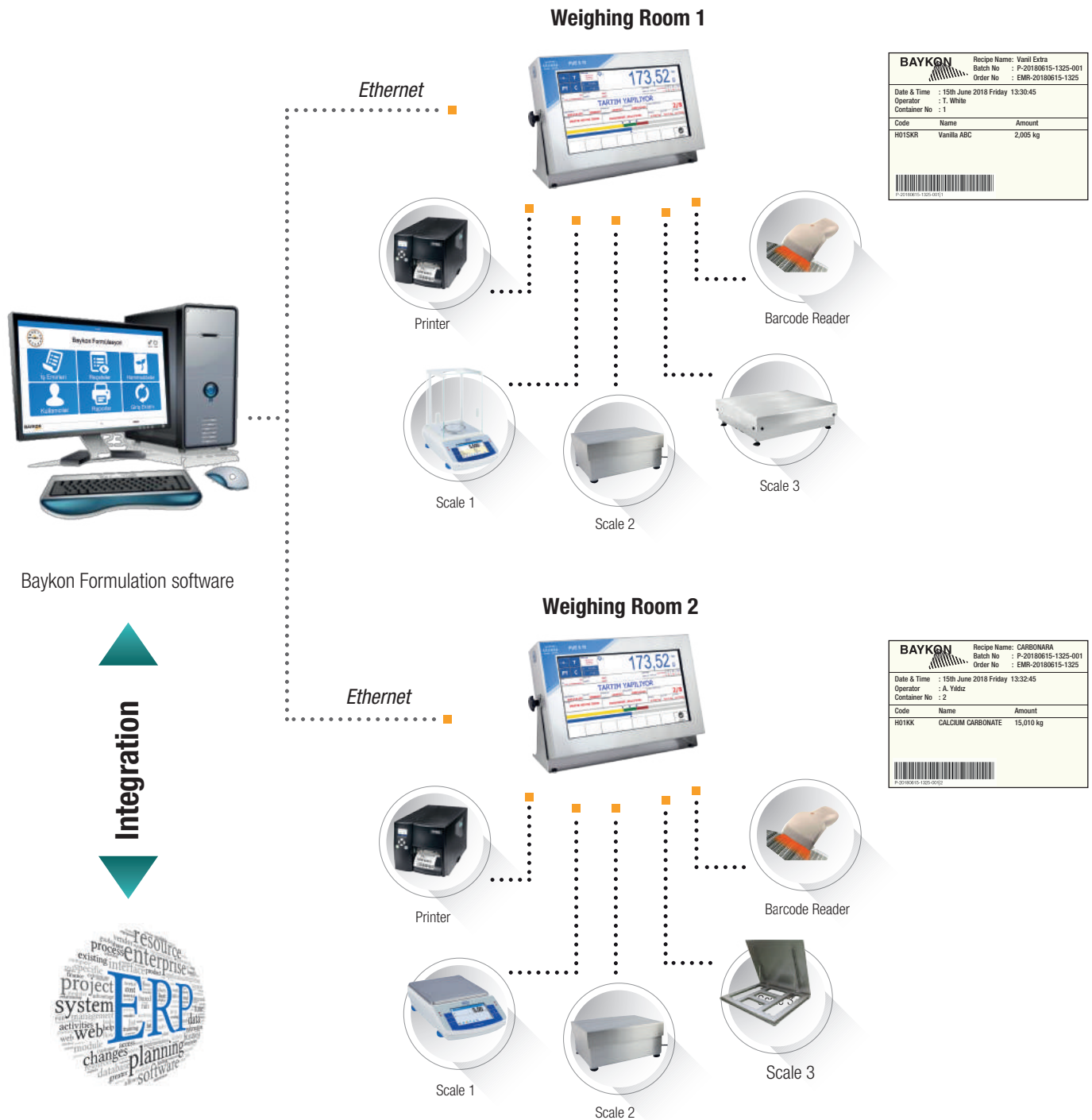
**BAYKON**  
Industrial Weighing Systems



# Accurate Weighing of the Right Product in Full Compliance With the ERP System

Formulation is one of the most important weighing processes for recipe preparation and weighing additives, especially in the pharmaceutical, food and chemical industries. The correct and reliable formulation process directly affects product quality and efficiency.

Baykon iForm is a very powerful software that can directly access work orders, recipe formulations and raw material data in the ERP system, ensures that the right raw material is weighed on the right scale within the specified tolerances, traces the scale calibrations and mass certificates. Baykon iForm software and weighing instruments comply with international standards such as GMP, HACCP, etc. and can be verified by the experienced Baykon service team.



## Formulation in Product Development

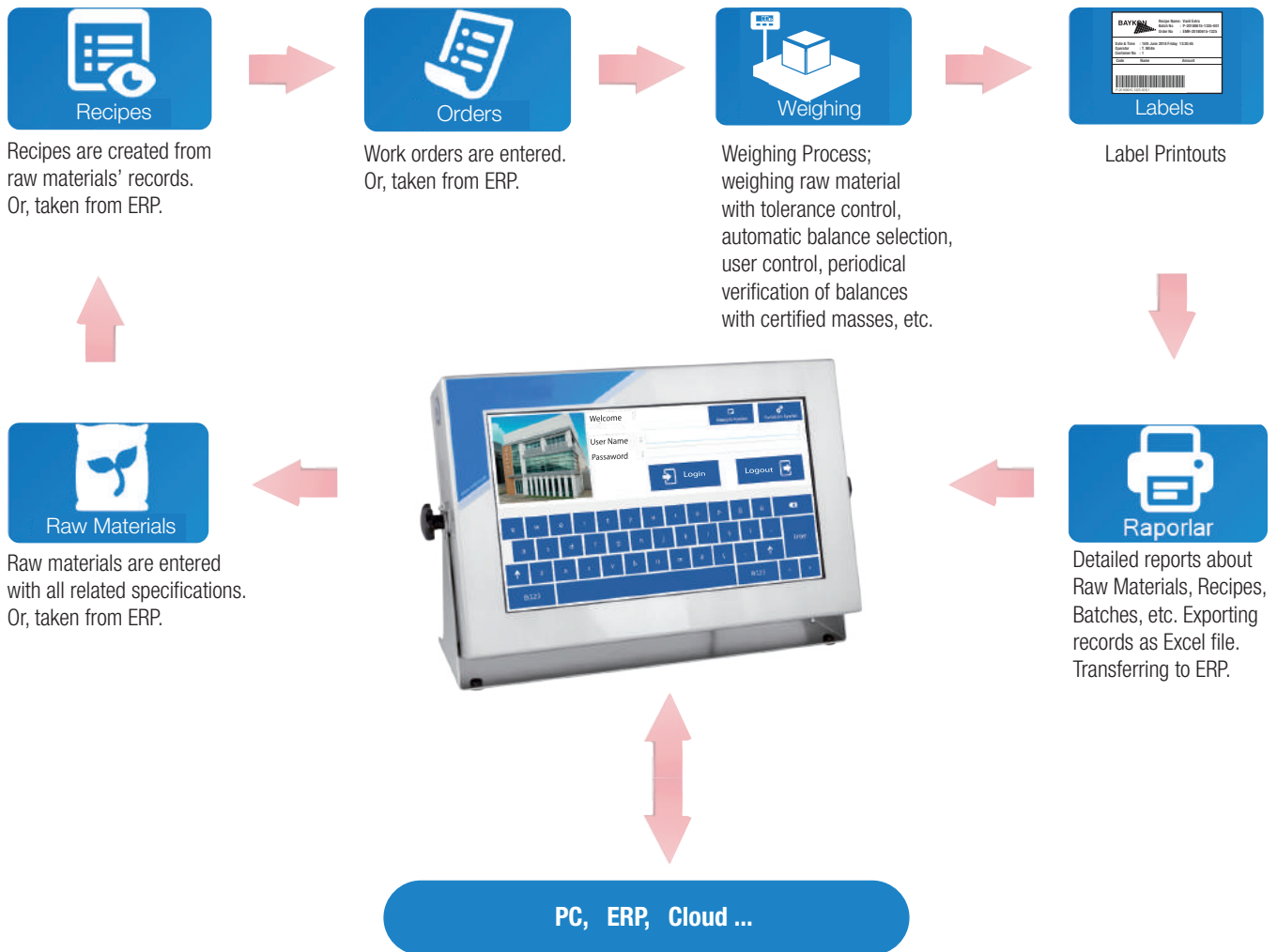
The proportions of raw materials in the products are determined by the formulation development process. The product's desired properties, such as taste, smell, color, etc., are obtained by repeated test weighing and revisions of the components. Recording the weighing values and test results of the components in these test recipes is a very important requirement for R&D. Baykon Formulation software offers you the opportunity to record and report data on recipe revisions and results to improve your product.

# Why Baykon iForm is the Best?

Baykon iForm Formulation Software has been developed based on more than 30 years of experience in the Pharmaceutical, Cosmetic and Food industries. Thanks to the Baykon iForm Formulation System ensures weighing the right raw material with the right lot number, accurately and within the specified tolerances. It works in sync with the ERP system, produces the requested labels to ensure traceability and records all weighing results. If it is required, the recipe formula can be hidden in the weighing process.

iForm guides weighing room operators, provides them with comfortable working conditions and safety.

- ✓ Weighing the right product within the specified tolerances, producing labels for traceability.
- ✓ Guiding the operator to prevent operator errors.
- ✓ Setting traceable and secure system from the work order entry to product preparation.
- ✓ Full integration with ERP
- ✓ Intelligent correction of over weighings.



## Intelligent Formulation With iForm

The over weighing of any material can be automatically corrected by activating the intelligent function of the software to get the accurate material ratios. Activating intelligent function of the system minimizes the operational weighing errors especially at vertical formulations which is weighing raw materials in the same container.

## Validated software solution

Baykon iForm is validated according to international standards by the experienced Baykon service team to ensure that results are accurate, valid and reliable.

# Features and Benefits of Baykon iForm

Formulation process directly affects the product quality and the cost of the production by reducing the raw material loss and by increasing the efficiency. Raw materials are weighed within the correct product tolerances. The formulation process is executed with a state-of-the-art weighing terminal that carries out the synchronization between the powerful formulation software and the ERP.

## Controlled Recipe Weighing

- ✓ Checking the correct recipe
- ✓ Checking the right product
- ✓ Choosing the right scale according to requested accuracy
- ✓ Weighing raw materials within the specified tolerances
- ✓ Printing the raw material and lot labels with barcodes
- ✓ Controlling validity of the calibration certificate of scales
- ✓ Checking and ensuring safe working conditions

## Direct ERP Integration

- ✓ Transferring work orders from ERP
- ✓ Accessing of current recipe formulations
- ✓ Recipe formulation is performed based on records of raw material and recipe formulations in ERP
- ✓ Transferring actual weighing records to the ERP system
- ✓ Detailed reports for work orders, prepared recipes and raw materials usage are given




## Labels and Reports

With Baykon iForm software, Raw Material Weighing Label, Group Raw Material Label that belongs to the raw material group weighed in the same package, and Lot Label can be specially designed.

Customized reports such as Recipe Weighing, Material Usage, Work Order Status, Batch Status, Scale Verification, and Production Usage (which is used to assist during production) are given.

## Raw Material Weighing Label

|   |                                  |          |
|---|----------------------------------|----------|
| <b>BAYKON</b>   |                                  |          |
| Recipe Name: Vanil Extra  |                                  |          |
| Batch No : P-20180615-1325-001  |                                  |          |
| Order No : EMR-20180615-1325  |                                  |          |
| Date & Time   | : 15th June 2018 Friday 13:30:45 |          |
| Operator  | : T. White                       |          |
| Container No  | : 1                              |          |
| Code  | Name                             | Amount   |
| H01SKR  | Vanilla ABC                      | 2,005 kg |
|  |                                  |          |
| P-20180615-1325-001   |                                  |          |

## Bacht Label

|   |                                  |           |
|---|----------------------------------|-----------|
| <b>BAYKON</b>   |                                  |           |
| Recipe Name: Yeast Traditional  |                                  |           |
| Batch No : P-20180615-1325-001  |                                  |           |
| Order No : EMR-20180615-1325  |                                  |           |
| Date & Time   | : 15th June 2018 Friday 13:55:45 |           |
| Operator  | : A. Yildiz                      |           |
| TOTAL WEIGHT:   | 17,015 kg                        |           |
| Name  | Container No                     | Amount    |
| Pigment   | 1                                | 1,005 kg  |
| Ferment   | 2                                | 15,010 kg |
|  |                                  |           |
| P-20180615-1325-001   |                                  |           |

## Report

| Order No | Batch No   | Created Date        | Status                |
|----------|------------|---------------------|-----------------------|
| Emir222  | 1804000026 | 3.04.2018 11:46:40  | Waiting for weighing. |
| Emir222  | 1804000026 | 3.04.2018 11:46:40  | Waiting for weighing. |
| Emir222  | 1804000027 | 3.04.2018 11:45:40  | Waiting for weighing. |
| Emir222  | 1804000028 | 3.04.2018 11:45:40  | Waiting for weighing. |
| Emir222  | 1804000029 | 3.04.2018 11:45:40  | Waiting for weighing. |
| Emir222  | 1804000030 | 3.04.2018 11:45:40  | Waiting for weighing. |
| MZS1     | 1804000031 | 6.04.2018 04:47:09  | Feeding completed.    |
| MLKMLK   | 1804000032 | 26.04.2018 23:53:19 | Waiting for weighing. |
| BH-EMIR1 | 1805000001 | 9.05.2018 16:55:08  | Weighing completed.   |
| BH-EMIR2 | 1805000002 | 9.05.2018 16:10:51  | Weighing completed.   |