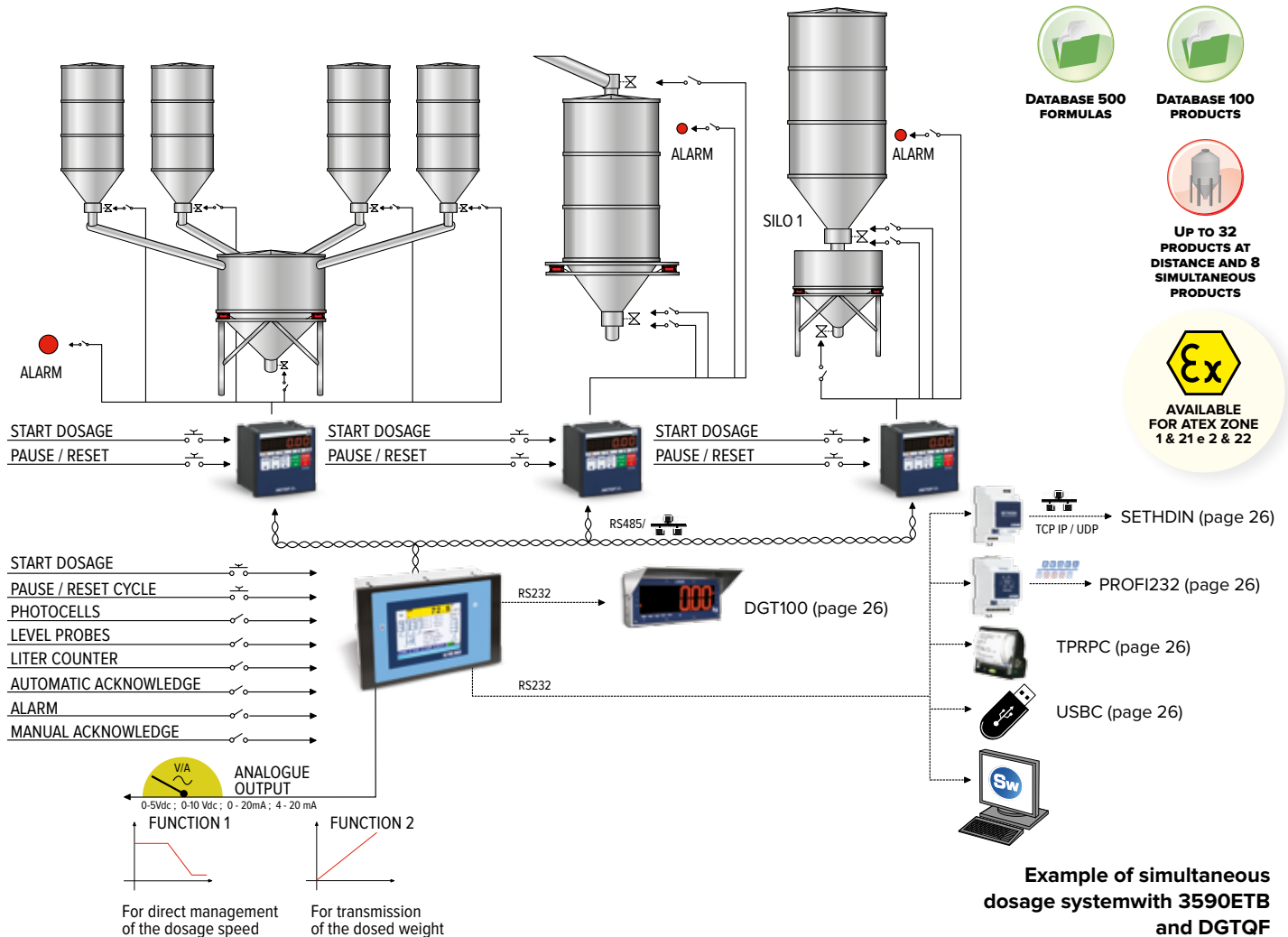


## SIMULTANEOUS MULTI-PRODUCT DOSAGE/BATCHING PLANTS

This application is realized by using a BATCHING main indicator connected in a RS485 network with two or more FILLING indicators, each one able to manage the dosage of one or more products. The main

advantages of this application are the execution speed of the formula, thanks to the simultaneous dosage of various products, and the system modularity, which can be implemented in any moment with new

modules. The dosage formulas are contained in the main control unit, while the dosage of each single product is inside the system. In this way, each remote indicator can be managed also in manual mode out of the dosage cycle.



## FUNCTIONS OF THE STANDARD PROGRAM

- Management of the dosage on various scales (up to 4 independents), with automatic change of the scale during the dosage.
- Database 100 products/activities.
- Database 500 formulas; each formula contains 20 products/activities.
- Checking of the tare presence at the dosage start; the tare values are programmable for each formula.
- Automatic recalculation of the formula targets, by entering the total weight to be dosed.
- Automatic printing of the dosage data.
- Recording and printing of the quantities with quick recall of the printouts from keyboard.
- Automatic correction of flight weight.
- Programmable repetitions of the dosage cycles / infinite cycle function.
- Tolerance test on the dosed weight, with guided correction on display.
- Check of the maximum dosage time.
- Alarms indication on display.
- Completely programmable printouts, for compatibility with any ASCII printer manageable through the serial port.

## WORK CYCLE

1. Once the dosage start command has been received, the main control unit commands the dosage of each component, by sending specific commands to remote indicators interested.
2. During the dosage, the main control unit checks in real time each indicator, by alerting the operator about faults. Each indicator doses simultaneously to the others.
3. At the end of the dosage, the check on each dosed weight is executed and it is possible to communicate all the data to PC or print the total report.