



**RECOGNIZE THE  
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TODAY**

FROM SENSORS TO ERP WITH  
THE SHOP FLOOR INTEGRATION  
SOLUTION BY GIB

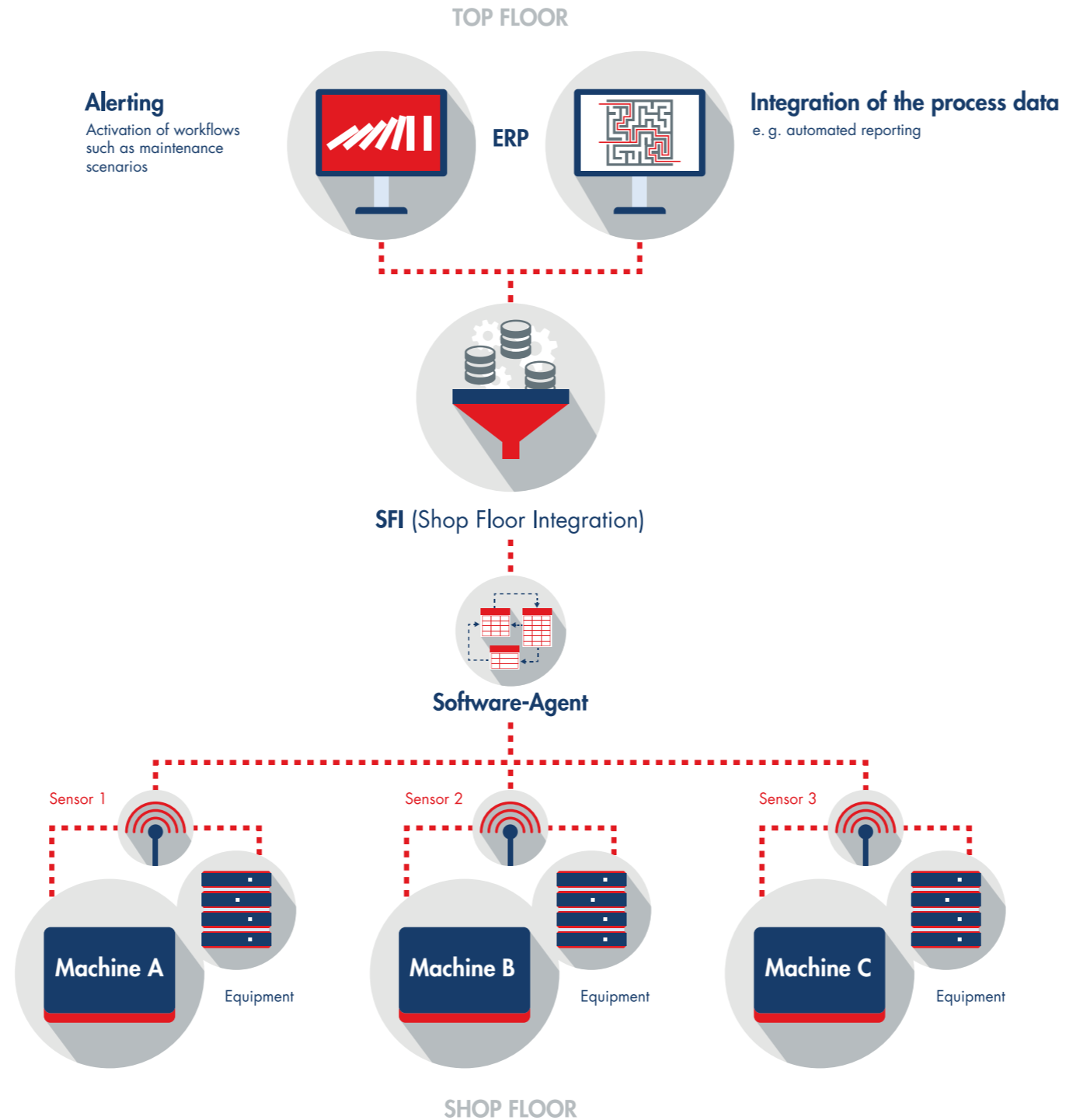
# DATA INTEGRATION "FROM SENSOR INTO ERP"

The GIB software solution, Shop Floor Integration (SFI), makes the data exchange between an SAP system and the varied world of sensors, controls and machines possible.

The SFI solution delivers, in a rule-based manner, the processing and forwarding of machine events and process-relevant information from the source to a connected SAP system. With minimal integration effort, you can automatically initiate and control follow-up activities to create a responsive and automated supply chain process.

## Advantages at a glance:

- Analyze real-time production data in SAP ERP
- Enable pre-configured templates for sensor-based subsequent activities in SAP
- Predictive maintenance
- Reduce spare parts inventory
- Coordinate maintenance and production activities
- Fast and easy implementation



## Sample application:

A manufacturing company has to ensure that an important bottleneck machine is available for production. To do so, it's necessary to gain, evaluate and communicate the critical information about the machine's condition to the Shop Floor Integration Software.

Now the SFI-Solution, using the real-time production events, initiates necessary follow-up activities, such as:

- Dispatching maintenance activities in PM/EAM
- Spare parts ordering
- Re-planning machine and personnel capacity
- Adjusting order sequences
- Recalculating operating costs in the GIB Production Planning module



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**Questions?**

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