

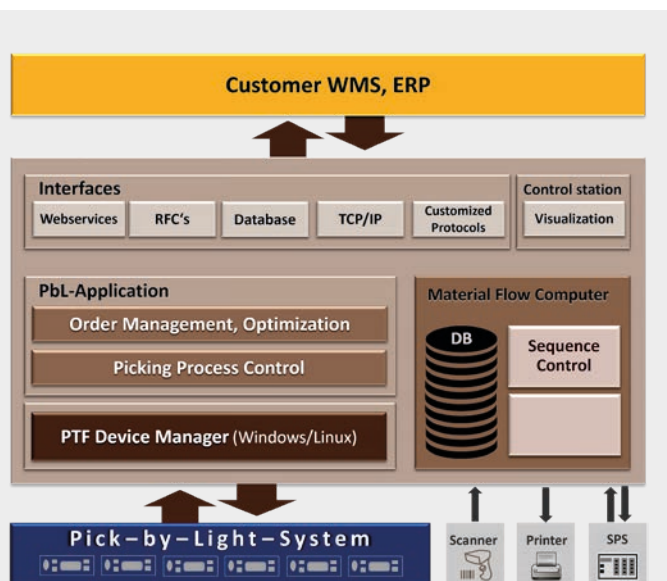
## System Architecture

### A Pick-to-Light system (PtL/Pbl) consists of three main components:

1. **Shelf displays** visually guide the pickers.
2. **Controller** translates commands and supplies the displays with power.
3. **Software** integrates the system into existing warehouse management or manufacturing processes.

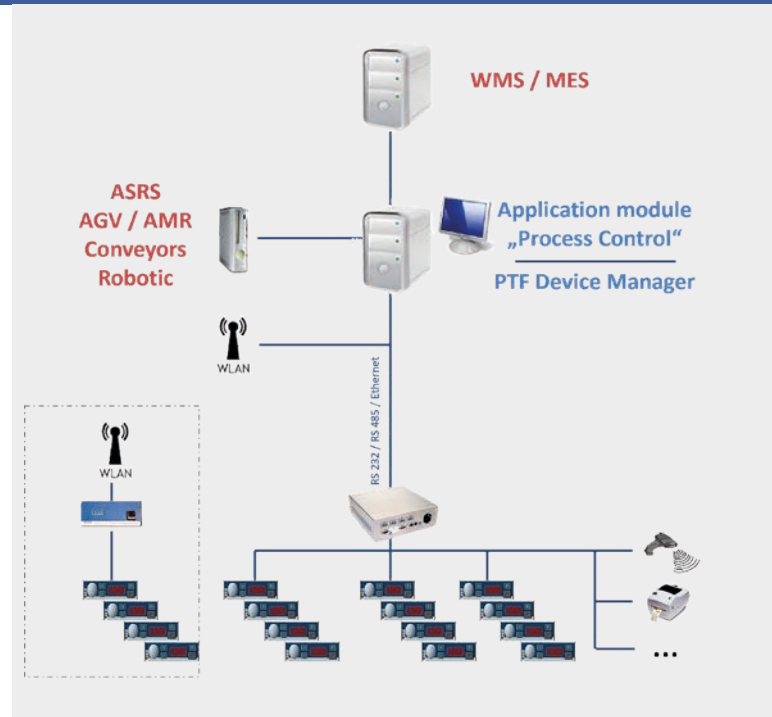
The **shelf displays** are the heart of the Pick-to-Light system and are located directly on the storage compartments or shelves. The shelf displays are connected to the controller via a proprietary bus system and can flexibly be clipped into the mounting rail at any position.

The **controller** supplies the shelf displays with power and controls communication between the shelf displays and the PTF Device Manager software. The controller has interfaces for additional components such as scanners, printers, signal columns, etc. The controller communicates with the software via a network or WLAN.



**Benefit from our expertise for your customized, efficient picking solution!**

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The **PTF Device Manager** is the central control point for your Pick-to-Light system. This powerful software offers:

- Management and control of all hardware components
- Assignment of device addresses to storage location identifiers
- Integrated functions such as zone management and quantity correction
- Detailed maintenance/diagnostic options
- Simulation functions for system planning / expansion
- Multilingual user interface
- Available for Windows and Linux

The PTF Device Manager is supplemented by a customized **application module** with the following core functions:

- Control of your specific picking processes
- Seamless communication with your warehouse management or production control system
- Integration of further partners such as automated small parts warehouses, automated guided vehicles, automated material flow, robotics and sensors, etc.