

# Increase Picking Speed and Accuracy at Your Operation

**Pick Execution™ System – Designed to simplify the integration of Pick to Light to ERP/WMS Systems**

Pick Execution™, Pick to Light System, is a modular- low cost means to add advanced pick or put to light technologies to existing or new distribution operations. The industry's most complete family of advanced displays coupled with Numina Group's Java Toolset provides a simple, cost effective picking method for both manufacturing and distribution order kitting and fulfillment applications.

Pick Execution™ is designed to work with your current ERP or WMS software. No need to duplicate your existing software investment. Your existing software manages orders, inventory and storage locations and the Java toolset manages the displays.

Pick Execution™ hardware consists of a wide variety of "Smart Button Displays" 2, 3, 5 and 12 digit alpha-numeric pick and message displays. Each module includes a recessed full travel industrial grade pick acknowledgment push button, up/down pick count increment buttons with a 150' viewable tri-color pick activity indicator. The modules plug into a protective power and communication mounting channel for quick and easy installation or relocation of modules. Each display has fully redundant power and communications built in and can be replaced or moved in minutes, ensuring maximum up time. The snap in channel design provides lower installation and maintenance costs.

- *Pick to Light connects directly to your existing system*
- *Rapid installation, built-in redundancy*
- *The Industry's most reliable, easy to install hardware*
- *Lowest cost per display solution in the market*



The Pick Execution™ Software contains a full library of Direct Connect software to seamlessly communicate with your existing ERP or WMS system. Proven software lowers the cost to add Pick or Put to Light to your operation.

The Java Toolbox is a library of Java classes

supporting the communication interface, reading, writing of display data values and emulate an existing RF terminal picking process. The classes can be used by Java applets, servlets, and applications to easily access the displays data, messages and resources. The Toolbox also contains example code and documentation for connecting to ODBC compliant SQL databases.

A SAP specific version of the toolset allows an SAP application to directly manage the pick displays. Request the Java Toolkit white paper for SQL, IBM AS-400 or SAP for further details on how the system can lower your cost of adding advanced picking automation to your facility.



*Ease of use allows you to add maximum picking productivity with little to no training.*



*Increase speed and accuracy in a new or existing facility.*

**The NuminaGroup**

10331 Werch Drive, Woodridge, IL 60517  
630-343-2600  
[www.numinagroup.com](http://www.numinagroup.com)



**Warehouse and Distribution Automation** requirements such as in-line weighing, labeling, sorting and manifesting require application know-how, proven software and high-quality equipment and that's exactly what The Numina Group delivers!

**The Numina Group** brings Smarter, Faster, Better Automation to material handling in all phases of order fulfillment, distribution, and shipping operations. Since 1986, we have supplied conveyor controls and material handling automation to high-volume distribution and shipping operations. Our solutions combine application expertise, innovation and reliability to eliminate "bottlenecks" and excessive labor. We supply systems and products that increase efficiency and provide our clients a competitive advantage in the markets they serve.

#### **Real-time Distribution System, RDS**

RDS, Real-time Distribution System is the software foundation for the innovative technology and unsurpassed performance of our industry-leading products and automation solutions. RDS, Warehouse Control Systems are proven in 100's of demanding installations. It's a multi-function control platform that integrates plant floor control, executes ERP/WMS business rules and performs data collection/archiving within its own high performance SQL Database. Easy to use Web based diagnostics, reporting & viewing tools are provided with every system. It provides sub millisecond response for control and communication on a **Rock Solid Scalable Open System Platform**.

#### **RDS Direct Connect**

A family of pre-developed communication modules lowers the project implementation time which lowers the risk and complexity of the interface and data exchange with your Enterprise System. **Direct Connect** seamlessly integrates material handling automation devices directly to SAP (support for direct RFC and XML messaging), IBM through the Java Toolkit, JDBC, ODBC and other product specific WMS/ERP Systems.

#### **Products and Services**

Whether you need a stand-alone print and apply labeling system, in-line scale, vision inspection, barcode tracking, automated sorting or a fully integrated distribution center, Numina's skilled and experienced team can provide the engineering, products and service that you need. We deliver the following products and automation services:

- **Conveyor Systems, Control and Shipping Manifest**
- **Pick Zone Carton and Tote Routing**
- **Pick or Put to Light-Voice Pick**
- **In-motion Scan-Weigh-Vision Audit Systems**
- **Print and Apply Compliance, Packing Slips and Shipper Labels**
- **VPAK Vision Pick & Pack Verification**
- **Sorter Controls and Management**
- **Cube3 Carton Dimensioning and Pick Validation**
- **NTS, Numina's High Speed Tray Sorter**

phone: 630-343-2600  
fax: 630-343-2636  
www.numinagroup.com

For further details on how Numina's services and automation products can accelerate your next facility or breathe new life into your existing operation, call 630-343-2600. Find out more about what **Smarter, Faster, Better Automation** can do for your operation.