



Applications

CASE STUDIES



How do you track the inventory needed to print and mail 19 million customer bills a month. Integrated Visual Systems has the answer.

A custom designed warehouse management system with the ability to create and track blanket Purchase Orders.

AT&T operates two bill processing centers for the US. The processing center in Charlotte, NC prints and mails all consumer service bills. The processing center in Mesa, AZ prints and mails all business service bills. Both processing centers rely on a custom warehouse management system from **Integrated Visual Systems** to maintain an accurate just-in-time inventory.

AT&T's requirements included the ability to generate annual blanket purchase orders to vendors for items such as envelopes, bulk forms, inserts, etc. These blanket orders were broken down by release number and within the release by specific ship dates. The system maintains full detail on the purchase orders from when they are created until the last receipt is logged for the year. The system gives up to the minute information regarding the YTD purchases against a PO to allow comparison to its total assigned value.

When inventory is received against a purchase order, a barcoded pallet label(s) is produced which identifies the vendor, item number, quantity, po number, release number, ship date, receive date and lot number. Once pallets are labeled, the operator scans a pallet and the system provides him with a suggested putaway location.

A bill of material can be configured in the system based on the order type to be produced. From this standard BOM, the system generates pick lists for the RF operators who place the order components on a



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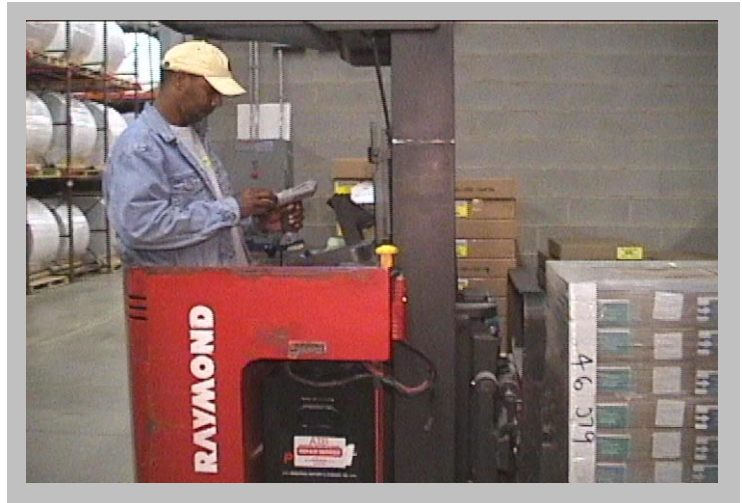
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cart to go to the processing room. Picking work orders real-time utilizing RF equipment guarantees that the right products in the correct quantities are delivered to production.

The system also provides a miscellaneous issue function which allows the operators to pull additional items for a run (used mainly in cases where items were damaged during the run due to machine malfunction) or to pull samples for the QC department.

In addition to the main warehouse which is physically attached to the bill processing center, AT&T utilizes an off site warehouse for overflow inventory. The system supports the transfer of pallet goods to and from the remote warehouse.

Perhaps the greatest boost to inventory accuracy resulted from the implementation of routine cycle counting of inventory locations. The warehouse management system tracks each bin according to a user defined cycle count frequency. The cycle count operator is prompted to count bins according to this frequency and the date of the last cycle count. This assures that every bin is counted on a regular schedule.



About Integrated Visual Systems

Integrated Visual System's primary focus is to deliver world class solutions to meet our clients automated data collection (ADC) requirements. To meet these specific requirements, we maintain a full development staff in-house. Both standard packages and custom designed applications are written and supported.

IVS provides a resource for companies who wish to implement integrated data collection (DC) systems without the expense of having a specialist on staff. With our years of experience in the design, installation, and support of DC systems, we can help companies realize the full potential of data collection equipment available on the market today and in the future. IVS develops DC systems for a variety of industries including textiles, apparel, furniture, distribution and manufacturing.

We specialize in the development of real-time data collection applications which provide a "queued real-time" host interface. IVS offers on site installation and training, complete hardware and software technical support, and RMA service.

In essence, IVS is a systems integrator providing turnkey data collection solutions with an emphasis on service and support. Various application write-ups and case studies are available. Please be sure to contact us to discuss your specific requirements.



IVS.Manufacturing Application Suite

- IVS.Warehousing
- IVS.JobTracking
- IVS.LaborTracking
- IVS.ProductionRecording
- IVS.MachineMonitoring
- IVS.Inspection
- IVS.IncentivePay
- IVS.Time&Attendance
- IVS.AccessControl



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