



Mobile Pickup & Proof of Delivery

Why Pickup and Delivery

Tacit provides verification of pickup and delivery of scheduled inventory. Pickup and delivery scans are compared and a receiving signature is secured to verify that proper inventory is delivered and to avert failed claims.

Systems Architecture

Tacit's solution is based on the latest software technology, guaranteeing the broadest selection of hardware technology. Microsoft .Net and Windows CE applications have the benefit of high availability, increased supportability, and enterprise management tools.

Multiple Host Connectivity Options and Information Upload/Download

Delivery data is collected using mobile hand held terminals. Based on the availability of host connectivity these terminals can receive route updates/transmit delivery status using an imbedded LAN card (802.11), WLAN card (GPRS, CDMA, GSM, etc...) or modem. Terminals equipped with LAN or WLAN cards update and access host data in "real-time". Batch terminals (modem equipped) update host data in "near real-time". Route and expected delivery information is typically downloaded to the hand held terminal at the start of the delivery route. This download can be initiated manually by a user, or automatically, based upon schedule or information availability. Downloads will occur in cradles for batch devices or anywhere within RF network coverage for RF devices. Some hand held terminals support image capture which are used to acquire delivery damage, signatures from paper documents, and image of receiving agents.

Container Delivery and/or Inventory Delivery

Companies utilize delivery containers with content information, while others use containers without content, and others have content without container information. Tacit supports all possible permutations.

Accommodations for Static/Dynamic Routing

Some companies know all delivery information in advance and any deviation from plan identifies an error condition. Other companies must adapt to rapidly evolving situations and still provide their service guarantee. System configuration allows companies to require adherence to plan or allow flexible delivery scenarios. WLAN access and the optional GPS support enhance central coordination efforts for companies in dynamic environments.

Optional GPS Support

Implementations with the Optional GPS Support benefit from automatic location recognition. Simply arriving at a site will allow the system to pre-configure itself for the necessary functions at that site. GPS support will allow a system to recognize specific sites or record delivery locations for agents in the field. GPS support also facilitates capturing the actual delivery path - not only where and when pick ups and deliveries were made - but also where the inventory went between pickup and delivery. By combining GPS and wide area wireless connectivity, delivery vehicle current position updates can be transmitted periodically or on request.

Optional RFID Support

Totes/Containers by default are labeled with barcodes. Barcodes may be provided for container IDs, Part Numbers, and Quantities. Optionally, RFID transponders may be used to identify totes and containers. If this option is selected, information may be collected in non-line of sight environments such as interior cases on a pallet.

Optional 2D Barcode Support

Many companies take advantage of newer 2D barcodes. One 2D barcode can contain information that typically requires several barcodes to convey. 2D barcode support allows for container number, part number, and part quantity information to be collected in a single scan.