



Delivery & Installation

NAL Market Deployment Services

Overview:

Wireless Network Operators are seeking faster, more reliable, and less expensive methods for configuring and deploying base station transceiver (BTS) and microwave cabinets. Today, many network operators rely on a hodge-podge mix of transportation service providers, installation contractors, and technical service providers to deploy these sites. This combination often results in untimely delivery and turn-up of sites, excessive inter-market transportation costs, and poor asset visibility & tracking.

Service Offering:

NAL's Delivery & Installation service builds upon our Cabinet Assembly & Test service by delivering, installing, and turning-up a site cabinet that has been pre-assembled at an NAL Configuration Center (or other facility of your choice). Delivery & Installation service is scalable for local, regional, or nationwide roll-outs through NAL's nationwide network of 29 logistics centers. This service includes the features described below.

Features:

Delivery & Installation offering is a turn-key site deployment service that includes all of the supply chain and technical expertise needed to deliver, install, and turn-up a BTS or microwave site, such as:

- Delivery of the pre-assembled and pre-tested cabinet to site
- Deployment of boom trucks, cranes, and riggers
- Cabinet bolt-down
- Battery installation
- RF jumper installation
- Alarm, power, ground, and signal connections
- Power-up diagnostic test
- Software loading
- Call testing.

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Benefits:

When combined with companion NAL Market Deployment Services, Delivery & Installation service provides you with following benefits:

- Your deployments are seamless and free of the multiple hand-offs that often complicate and slow network build-outs
- Your deployment costs are predictable; you pay only for the services that you need and avoid large fixed costs
- Your deployments are trackable from receipt-of-inventory to BTS turn-up using NAL's web-based Asset Management System (AMS).
- Your deployments are managed by a dedicated NAL program manager (in accordance with NAL's ISO 9001:2000 Quality System).

Options:

Delivery & Installation service is available with the following options and companion services:

- Asset tagging and tracking by serial number
- EDI interfaces to customer systems via X.12, XML, or flat file
- NAL Site Development service
- NAL Cabinet Assembly service.

About AMS:

NAL Worldwide's Market Deployment Services are powered by AMS, NAL Worldwide's best-in-class Asset Management System. This UNIX[®]-based supply chain operations system manages the flow of your inventory using pre-specified process controls. Additionally, when using the AMS secure web interface, you gain real-time visibility to your assets from dock-to-stock-to-dock. AMS also generates inventory and shipment reports that may be distributed via email or via the AMS integrated dashboard.

Ordering & Availability:

Through our nationwide network of 29 logistic centers, Delivery & Installation service is now available for wireless network operators located anywhere in the contiguous United States. To receive more information about this service package, or to obtain a *no-obligation analysis* of your existing deployment process, please contact your sales representative, or contact NAL Worldwide at 1.800.316.6860.

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