

# Carrier Solution

World-wide Solutions for the Carrier Market

## Product Features

Successful telecom service providers world-wide are using NACT's Carrier Solution at this very moment...shouldn't you?



- > Customize Services for Different Market Niches
- > Offer Your Customers Greater Choice and Flexibility
- > Maximize Revenue Potential
- > Strengthen Customer Loyalty and Reduce Churn
- > Penetrate New Markets
- > Realize Immediate Return on Investment

## Be a Carrier's Carrier

Significant revenue-generating opportunities present themselves as countries deregulate and entrepreneurs begin the retail selling of telecommunications services. Those retailers are looking for a robust, reliable platform to make available the wholesale services they re-sell. They are looking for a carrier who can interconnect the PSTN and VoIP networks, provide competitive rates, and offer connections to make them successful. They are looking for a carrier to carry their traffic. They are looking for you.

## What Do You Need?

At the very least you need a switch that interconnects TDM and IP networks to accomplish least-cost and alternative routing. That switch must support the volume capacities required for top-tier interconnections. But a carrier solution is more than a switch. A carrier solution includes the ability to flexibly support multiple retail products, to manage other businesses as customers, and to bill on both retail and wholesale levels. End-user information must be readily available for customer service, but partitioned for confidentiality and security.

## Leverage the Existing Network

When you own NACT's carrier solution, you have the power to establish interconnection agreements with a large number of established domestic and international carriers and operations. These carriers/operators have already built the infrastructure, but they are looking for wholesalers to pump minutes through their networks. Only those with the ability to aggregate many businesses into one large whole can meet commitment levels and take advantage of the reduced costs of large volume. This is a carrier solution.

## The NACT Carrier Solution

Business owners have looked to NACT for more than 20 years to provide them telecom solutions. The foundation of the NACT Carrier Solution includes:

### Switching Platform:

NACT's IPAX® is a class 4 tandem switch/gateway with integrated applications. It provides real-time rating, fraud protection and voice prompting without the need for additional external servers. It supports all major signaling protocols, including VoIP, making it easy to integrate with existing telecom networks.

### Provisioning & Management:

NACT's NTS 2000 works seamlessly with the IPAX to handle provisioning, maintain accounts, store fully-detailed call records, and produce the wide variety of reports critical to operations and back-office management.

### Customer Service & Retailer Interface:

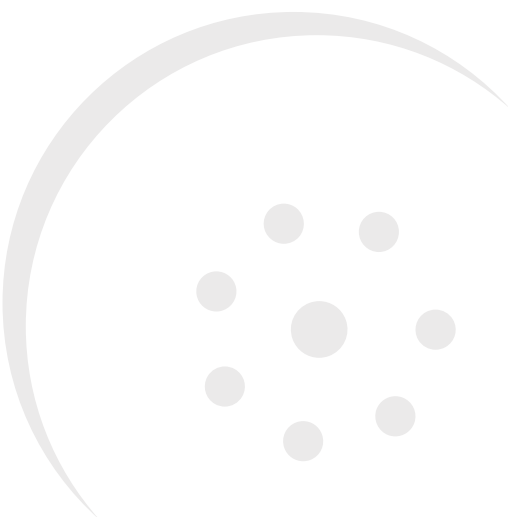
NACT's WebConnect interface puts customer service and business customer management on the web for simple, secure access to the data they need without exposure to the details of other customers' operations.

## Why Choose NACT As Your Vendor?

Carrier solutions require several components of hardware, and different software applications running on each component. Each has a role in forming your business. All the components must seamlessly, dependably, and intelligently communicate with one another.

NACT is a single-source solution provider. This means one company designs and deploys all the components of your solution. One company has already integrated all the components. One company services every aspect of your solution infrastructure. That company is NACT.

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	NACT Pico IPAX	NACT IPAX	NACT IPAX Cluster (MCU II)
Port Capacity	48 to 480	48 to 1,920	192 to 30,720
Answered Talk Minutes per Month	400K to 6 million	400K to 25 million	1.6 to 400 million
Calls per Month (avg. call = 4 minutes)	1.5 million	4.25 million	100 million
Busy-hour call attempts (BHCA)	90,000 (SS7)	90,000 (SS7)	360,000 (SS7)
Languages	34+	34+	34+
Currencies	All	All	All

### Let Your Business Thrive

A single-source vendor means rapid deployment. The sooner you are up and running, the sooner you can generate revenue. NACT has the knowledge, experience and determination to get you where you want to be, and follows that up with world-class customer support. Whether your ambition is a multi-city domestic network or a multi-country backhaul to your major markets, NACT can take you there.

### NACT's Carrier Solution

- Support for ISDN, SS7/C7, R1, VoIP signaling protocols and full suite of VoIP codecs
- British Telecom and Telefónica certification
- Interconnection with major carriers such as Cable and Wireless, Global Crossing, AT&T, BT, Qwest, Telefónica, US Sprint, China Telecom, and Telecom Egypt
- High scalability within a small foot print

- Integrated value-added services
- Wholesale and retail provisioning, rating and invoicing

### Accurate Monitoring and Reporting, Including:

- On-demand and scheduled reports
- Revenues
- Traffic engineering
- Answered-to-seized ratios (ASR)
- Origination and termination
- Carrier reconciliation

