ioTRAN
Think Differently

Cloud Communications Platform | SaaS • On-Premise

ioTRAN is a North American-based developer of carrier-grade cloud communications platforms, dedicated exclusively to service providers and their quest to provide world class communications services to their customers.

Since 2003, ioTRAN has delivered a feature-rich platform in a SaaS environment with white-label branding capabilities. In 2019, ioTRAN made a strategic decision to expand into commercial markets by offering licensed on-premise and Software-as-a-Service (SaaS) solutions. As part of this expansion, we began developing a cutting-edge cloud communications platform.

In 2023, ioTRAN released its 7th generation platform, forging an exciting new future for both existing customers and new markets. These markets include on-premise software sales to large service providers and telcos seeking a class 5 softswitch replacement and pathways to modern UCaaS and emerging technologies—all while meeting the security requirements of hosting these solutions within their preferred buildings, data centers, or infrastructure. ioTRAN raises the bar by giving service providers the choice between an on-premise or SaaS solution. With both options fully supported by ioTRAN and its commitment to the service provider community.

We invite you to discover ioTRAN—the best-kept secret in the industry. We are redefining and surprising service providers that assume all cloud communications platform are the same.

Our Core Products and Services

- ioPLATFORM—Carrier Grade Cloud Communications Platform

- Hosted PBX and UCaaS, Messaging, Video, Contact Center, CRM, Fax, Apps

- SaaS or On-premise

- Data Center VoIP Replacement

- Single IP PBX Sales Replacement and Management

- Class 5 Softswitch Replacement with solutions for SS7, GR-303 & Class 4

- POTS Replacement and PSTN Access

- Business, Residential, and Trunking

- Integrated Billing and Accounting

- Integrated Taxation and Payment Gateway

- White Label and Private Branding

- White Label End User Support

Built For All Service Providers | SaaS • On-Premise

ioTRAN provides Cloud Communications Platform solutions for service providers across six distinct markets, including:

ioSaaS-MSP

Provides white-label Hosted PBX, UCaaS, and messaging solutions for MSPs, IT Providers, and resellers of technology products or services. This is the perfect add-on to retain customers and boost revenue. You bring your carrier and manage the DID and porting services.

ioSaaS-VAR

For providers selling single IP PBX solutions like 3CX™, FreePBX™, or Asterisk™, ioTRAN eliminates the need for purchasing IP PBX licenses, building VMs, and managing data centers—all at a lower price point. You bring your carrier.

ioSaaS-PLUS

Includes everything our ioSaaS-MSP service offers, with ioTRAN providing the carriers, managing DID services, and handling porting so you can focus on growing business.

ioSaaS-DataCenter

We install our ioPLATFORM in your data center using your hardware, while we provide full software maintenance and support. You bring your carrier.

ioSaaS-Carrier

For our customers who are telcos, ILECs, CLECs, and carriers, we provide our ioPLATFORM cloud communications platform in a dedicated SaaS instance.

ioSaaS-Premise

For ultra-security requirements, purchase or lease our cloud communications platform for your location or data center. Class 5 Softswitch replacement.

Who are our customers?

- Service Providers
- MSPs
- IT Providers
- PBX Interconnects
- ILECs, CLECS, and Telcos
- ISPs
- Broadband Providers
- Data Centers

Why ioTRAN?

We are focused on developing and supplying cloud communications platforms. We never compete with our partners or customers. As a private, USA-based company, we are not owned by a telephone company

Operator and Administrative

Unified Central Management
Web Portal Interface (unified)
Multi-Language Support
Customer Portal Interface (unified)
Operator Permission Control
Operator Permission Groups
User and Admin Permission Control
User and Admin Permission Groups
Web Portal Customization
Portal Styling and Branding
Landing Page Customization
Customer Management
Reseller Management
Profit Centers (Products/Pricing)
Billing and Accounting Management
Taxation System Management
Payment Gateway Management
Branding Centers
Private Label Management
Sales Agent Management
Product Centers
Generic Product Centers
Global System Management
High Availability Management
Proxy & Redirect Management
DDoS/DoS System Management
Media Firewall Management
Toll Fraud Management
Secure Encryption Management
Country System Management
Currency System Management
System Workflow Management
System Alert Management
SNMP Alert Management
Email Alert Management
Application Programming Interface
Application Server Management
Application Container Control
Database Cluster Management
Network Routing Management
HTTP Load Management
Carrier SBC Management
Switch Cluster Management
Account and User Trace
Platform Diagnostics Trace
Carrier Application Management
Carrier Prefix Management
Carrier Prefix Import
Carrier NPA Management
Carrier NPA Import
Carrier Country Code Management
Rate Card Management
Time Band Management
Service Provider Management
Gateway Group Management
Gateway Mapping Management
Provisioning Server Management
DID System Management
DID Reseller Management
DID Status Management
DID Search Engine
Domain System Management
Fax System Management
Call Recording Management
Inbound CNAM Management
Outbound CNAM Management
911 Registration Management
Listing Service Management
Email Template Management
Reseller Company Statistics
Reseller Profit Reporting
Reseller Summary Reporting
Sales Agent Reporting
CDR Management and Reporting

Hosted PBX, Residential & UCaaS

Business Lines
Residential Lines
SIP Trunking Lines
Extension Calling
Ring Groups
ACD Queue/Contact Center
Conference Rooms
Paging Rooms/Intercom
Auto Attendants/IVR
Dial by Name Directory
Voicemail (Visual/Email)
Voicemail Escape
Voicemail PIN
Voicemail to Email
Voicemail Missed Calls
Voicemail Vacation Access
Shared Voice Mailboxes
3 Way Calling
Dual Ring/Find Me
Synch Ring - Hunt/ACD
Call Access Dial/Receive - Pin Code
Call Dial/Receive - Pin Code Access
Call Return
Call Forwarding (all, busy, no answer)
Call Forwarding - Lost Registration
Call Transfer
Call Hold
Call Barge/Listen/Teach
Call Park/Call Park SLA
Confirm Number - Proceed
Virtual Extensions
Multi-Phone Single Extension
Mobile and Desktop Apps
Messaging
CRM Integration
Microsoft Teams Integration
Video Calls and Conferencing
PSTN/Mobile Calls
Shared Call Appearance
Busy Lamp Fields
Service Flags & Timers
Call Recording
Call Recording Probes
Outbound CLI Mapping
911 CLI Mapping
Programmable System Codes
Phone Express Codes
Time zone Assignments
Registration Detection/Information
Live Calls Display
Phone Provisioning (Single/Bulk)
Phone Provisioning Reporting
Zero Touch & Option 66
Dial Map Control
Domain/Extension Address Books
CDR Records
Export CDR Records
Bulk Automated CDR Storage
View Rate Cards
Packaged Minute Assignments
Online/Web Administration
App Administration

Billing, Accounting, Tax, Payment

Fully Integrated
Prorated Billing
3rd Party Compatible
Advanced API
Retail Billing
Retail Accounting
Retail Invoicing
Wholesale Billing
Wholesale Accounting
Wholesale Invoicing
Reseller Billing
Reseller Accounting
Reseller Invoicing
Automatic Invoicing
Manual Invoicing
Invoice XML and PDF Export
Payment Allocations
Customer Statements
Manual Taxation
Automatic Taxation
SureTax™ Integration
Tax Groups
Tax Codes
Taxation Overrides
Taxation Calculator
Payment Gateway
Manual Payments
Nominal Accounts
Payment Types
Invoice Terms
Invoice to Email (PDF)
Invoice Logo
Invoice Remit To
Invoice Footer Notes
Invoice Summary
White Label Invoicing
Miscellaneous Charges
Credit Charges
Debit Charges
Billing Workflow
Transaction Tracking
Payment reminder
Unallocated Funds Assignment
Global Settings
Regional Overrides
Company Overrides
Rate Cards
Retail Rate Decimal Precision
Retail Rate Round Up/Down
Currency Converter
Currency Converter Dates
Profit reporting
Summary reports

Security and Protection

Secure Encrypted Portal
Secure Encrypted Apps
Security Reporting
3 Factor Credentials
Security Phrase
MFA Text, Email, Call
ACL Lockdown (Global/Individual/Apps)
HTTPS/SSL
Portal URL Timeout
Form Field Alias
Submit Form Delay
URL Encryption
Data Encryption
High Availability
Disaster Recovery
Data Center Encryption
Stateful Calls
Application Containers
BGP Failover Support
Configuration Rollbacks
ioTRAN SaaS Migration
Integrated DDoS/DoS Protection
Integrated Media Firewall
IP Authentication
SIPS/SRTP
Integrated Toll Fraud Protection
Unique URL Provisioning
Provisioning Timeouts

Special Capabilities

SaaS or On-Premise
Class 5 Softswitch Replacement
SS7 Integration Solutions
GR-303 Integration Solutions
POTS Line Replacement
Business Line Replacement
Legacy UCaaS Expansion
Digital Fax Server Platform
Single IP PBX Sales Alternative

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