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## Introduction to Telinta TeliCore Solution & DIDWW phone.systems™

Telinta offers cloud-based switching and billing solutions for VoIP service providers around the world. These white label solutions enable Telinta customers to operate a VoIP business without deploying their own infrastructure.

As a part of its portfolio, Telinta offers upgraded integration of DIDWW phone.systems™ Cloud PBX which can be used together with DIDWW's DID numbers and PSTN termination.

Telinta's hosted TeliCore™ softswitch platform enables VoIP service providers to offer phone.systems™ to both end user customers and resellers. This integration allows a single hosted platform to manage key functions for switching, billing and customer management, as well as have access to DIDWW DIDs, PSTN termination, and phone.systems™ PBX.

The solution includes Telinta's multi-currency, multi-language brandable portals. With Telinta's billing and integration with dozens of credit card processors, VoIP service providers can charge monthly fees, per-channel and per-minute fees, create volume discounts and special promotions, offer both prepaid and postpaid VoIP services.

phone.systems™ is a fully-featured, cloud-based virtual PBX that is specifically designed to interconnect with any service provider. There is no special hardware to purchase and maintain, and phone.systems™ is compatible with all landlines, mobile phones and computers, SIP devices and multi-line desktop phones. Operator APIs have been built to open up the phone.systems™ software products for integration with service operators, MVNOs, resellers, enterprise customers and other types of telecommunication service providers. The Operator API endpoints provide the ability to provision and combine third-party SIP resources and services with the cloud based PBX phone.systems™ and deliver full PBX solutions to customers via the operator's self-service portal.

Telinta TeliCore™ features:

- Real-time call detail records for both prepaid and postpaid services.
- On-the-spot analysis of key metrics.
- Self-care portals for end users to review their account, make payments, recharge prepaid balances and more.
- Auto-Provisioning for hundreds of popular SIP devices.
- Bilateral billing agreements.
- Multiple-currency billing, with auto-fetch for current exchange rates.
- Billing for end users and resellers.
- Ability to create volume discounts and promotions.
- Payments via Paypal, credit cards, in-person cash payments.
- Access to third-party billing compliance services for telecom taxation in more than 100 countries.

## Getting started

What you need to get started:

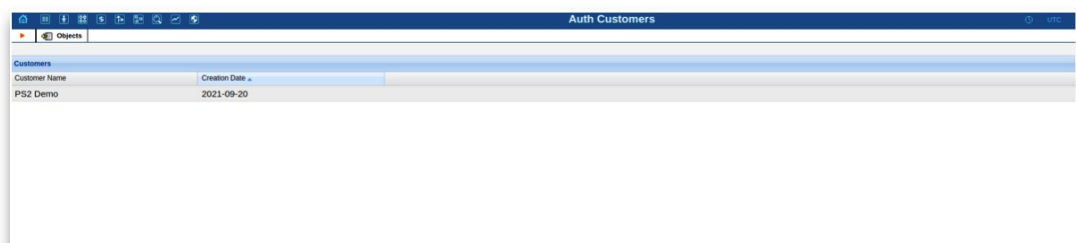
- [An account at DIDWW](#)
- [DIDWW API3 key](#)
- [Phone.systems™ Operator plan](#)
- [Voice Out trunk](#)
- [Telinta TeliCore™ solution](#)

## Administration portal

### Auth Customers management page

Auth customers management page allows administrators to:

- View new customers
- View new DID orders
- Approve payments
- Reject payments
- Block/unblock new DID orders
- View charged DID number subscriptions
- Restore canceled DID numbers



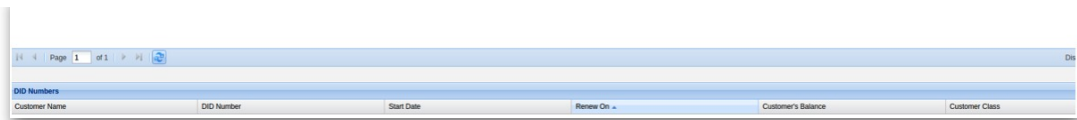


Fig. 1. Viewing new customers.

**Customer Info** ✕

Customer Name:	PS2 Demo
Available Funds:	5 USD
Address:	
Country:	
State:	
City:	
Zip Code:	
E-mail:	subscriber@your--domain.com
Last Payment:	No payments found <a href="#">Payments</a>
Credit Card:	
Subscriber IP:	
Subscriber Country Code:	
Subscriber Country:	
Subscriber Region:	
Subscriber City:	
Logged In:	
DID account(s):	

Fig. 2. Approving/rejecting customers.

## DID subscription plan management

Subscription plan management page allows administrators to provide discounts based on DID purchasing period, add promotional periods, change DID periodic fee.

**Edit Subscription Plan 'multi-months discount subscription 9.95'**

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**Subscription Plan Name**  \*     
 **Currency**    USD  
**Subscription Plan Name visible to END User**  \*     
 **Managed By**    Administrator Only

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Percentage  
 Fixed Amount

Edit	months	Standard Fee, USD / months	Discount, %	Discount Fee, USD / months	Delete
<input type="button" value="[-]"/>	3	29.85 USD / 3 months	10	26.87 USD / 3 months	<input type="button" value="[-]"/>
<input type="button" value="[-]"/>	6	59.7 USD / 6 months	20	47.76 USD / 6 months	<input type="button" value="[-]"/>
<input type="button" value="[-]"/>	12	119.4 USD / 12 months	25	89.55 USD / 12 months	<input type="button" value="[-]"/>

Fig. 3. Editing subscription plan.

## Customer management

Customer management allows administrators to:

- View billing information
- Configure automatic payments
- Trigger e-commerce payments
- Apply DID subscriptions manually
- Manage email notifications
- Access customer phone.systems™ PBX tenant as an admin
- Port DID numbers manually

The screenshot shows the 'Edit Customer' page for 'PS2 Demo'. The 'Custom Fields' section is highlighted with a green box and contains the following fields:

- did\_purchase: Y
- phone\_systems: enabled
- phone\_systems\_domain: ea954570-f080-4a2c-87b5-

Fig. 4. Custom fields of phone.systems™ management.

The screenshot shows the 'Edit Customer' page for 'PS2 Demo'. The 'DIDs' tab is selected and highlighted with a green box. Below the tabs, the following information is displayed:

- Total DIDs: 1
- Total monthly charges: 0.00 USD

A table titled 'DIDs' is shown below:

DID Number	Group	Country	Area	Activation Fee	Recurring Fee	Description
1201-xxx-xxxx		UNITED STATES OF AMERICA		0.00 USD	0.00 USD	demo

Fig. 5. Customer purchased DIDs field.

The screenshot shows the 'Edit Customer' page for 'PS2 Demo'. The 'Web Self-Care' tab is selected and highlighted with a green box. The page displays the same customer information as the previous screenshots, including the 'Custom Fields' section.

Login	<input type="text" value="ps_demo"/>	Time Zone	<input type="text" value="The same as Billing t"/>
Password	<input type="password" value="*****"/> <input type="button" value="Auto"/>	Web Interface Language	<input type="text" value="Default Language"/>
Access Level	<input type="text" value="Retail"/>		
Access Web Self-Care as Customer	<input type="button" value="Login to Customer Self-Care"/>		
	<input type="button" value="Login to Phone Systems as Admin"/>		

Fig. 6. Web self-care management as customer.

Account Info / Retail Customer 'PS2 Demo'													
<b>Account ID</b>	<input type="text" value="1201xxxxxx"/> <input type="button" value="✎"/>												
<b>Blocked</b>	<input type="checkbox"/>												
<b>Main Product</b>	<input type="text" value=":PS2:Sell:"/> <input type="button" value="v"/>												
<table border="1"> <tr> <td>Life Cycle</td> <td>Subscriptions</td> <td>Notepad</td> <td>Service Configuration</td> <td><b>Forward</b></td> <td>Phone Book</td> </tr> <tr> <td>Account Info</td> <td>Web Self-Care</td> <td>Subscriber</td> <td>Aliases</td> <td>Additional Info</td> <td>Custom Fields</td> </tr> </table>		Life Cycle	Subscriptions	Notepad	Service Configuration	<b>Forward</b>	Phone Book	Account Info	Web Self-Care	Subscriber	Aliases	Additional Info	Custom Fields
Life Cycle	Subscriptions	Notepad	Service Configuration	<b>Forward</b>	Phone Book								
Account Info	Web Self-Care	Subscriber	Aliases	Additional Info	Custom Fields								
<b>SIP URI</b>	<input type="text" value="1201xxxxxx"/> @ <input type="text" value="ea954570-f080-4a2c-87b5-e"/> <input type="button" value="v"/>												
Timeout, sec *	<input type="text" value="90"/>												
Keep Original CLD	<input type="checkbox"/>												
Calling Party Display	<input type="text" value="Caller Number and Name"/> <input type="button" value="v"/>												
Limit Simultaneous Calls To	<input type="text"/>												
Transport Protocol	<input type="text" value="UDP"/> <input type="button" value="v"/>												

Fig. 7. Forwarding options to phone.systems™.

## End-user portal

### New customer sign-up

End users signing up are able to:

- Browse countries and DID numbers
- Fill out registration form (if applicable)
- Fill out subscriber info
- Choose payment method
- Complete anti-bot verification (Google captcha)
- Confirm email address
- Receive welcome email

Choose Number	Subscriber Info	Payment Info	Final Confirmation
<h3>Choose Number</h3> <p><b>Country / Region *</b> <input type="text" value="Austria"/> <input type="button" value="v"/></p> <p><b>City *</b> <input type="text" value="National (720)"/> <input type="button" value="v"/></p>			

Your Phone Number \*

Not selected

- Not selected
- 43720022814
- 43720022816
- 43720022831
- 43720143194
- 43720143199
- 43720143289
- 43720143503
- 43720143529
- 43720143573
- 43720143591
- 43720143613
- 43720143641
- 43720143748
- 43720143925
- 43720143945
- 43720145049
- 43720145187
- 43720145247
- 43720145268

*Fig. 8. Browsing countries and DID numbers.*

Choose Number
Registration Form
Subscriber Info
Payment Info
Final Confirmation

Austrian National DID End User registration requirements:  
 For **personal identity** verification: \* Name, last name \* Date of Birth \* Contact phone number  
 For **business identity** verification: \* Name, last name \* Contact phone number \* Company name  
 For **address** verification: \* Address in Austria (street, building number, postal code, city and country)  
 To activate the DID number(s) please create an identity and address bundle matching the requirements and assign it to the DID number(s) for approval.  
 We reserve the right in our sole discretion to request additional information at any stage of the registration process.

Personal ID Nr/Business registration Nr \*

Attach scanned documents \*  No file chosen

I agree with Terms \*

*Fig. 9. Filling out registration form.*

Choose Number
Subscriber Info
Payment Info
Final Confirmation

### Address Info

First Name \*

Last Name \*

Subscription period

**Add Prepaid Balance (USD)\***   
**Amount (USD)**   
**E-mail \***   
**Phone\***   
**Country / Region \***  ▼  
**Province / State**  ▼  
**City \***   
**Address \***   
**Postal Code \***   
 ▼

*Fig. 10. Filling out subscriber information.*

Choose Number      Subscriber Info      **Payment Info**      Final Confirmation

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**Payment Method \***  ▼  
 Credit Card  
 PayPal

*Fig. 11. Choosing payment method.*

Choose Number      Subscriber Info      Payment Info      **Final Confirmation**

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**TERMS AND AGREEMENTS**  
 ...  
 I agree with Terms and Agreements \*



Fig. 12. Accepting terms and agreements, completing anti-bot verification.

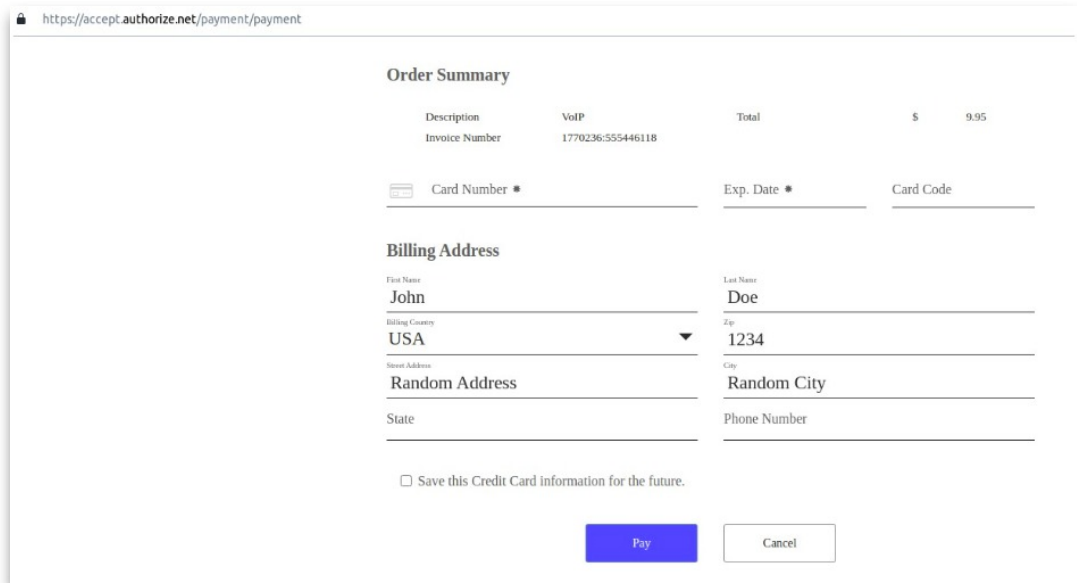
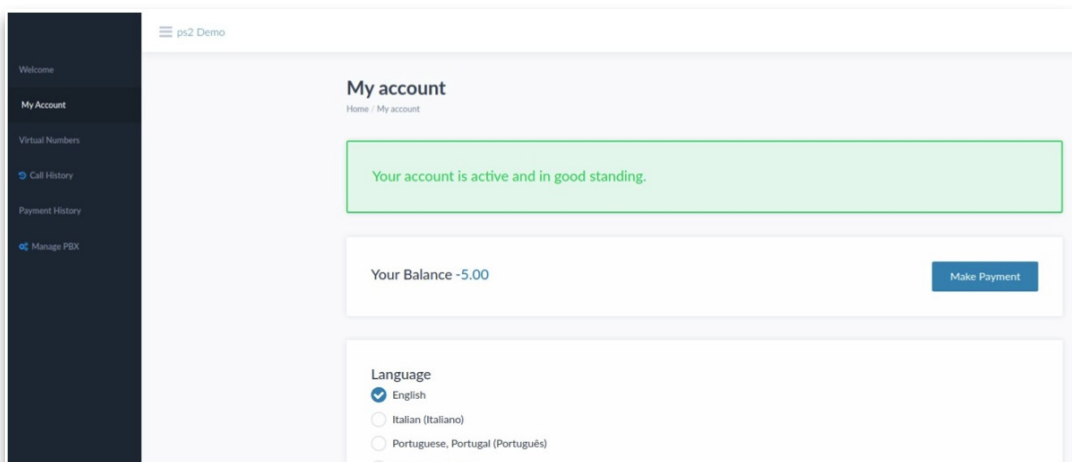


Fig. 13. Filling out credit card information.

## Customer self-care portal

End users are able to:

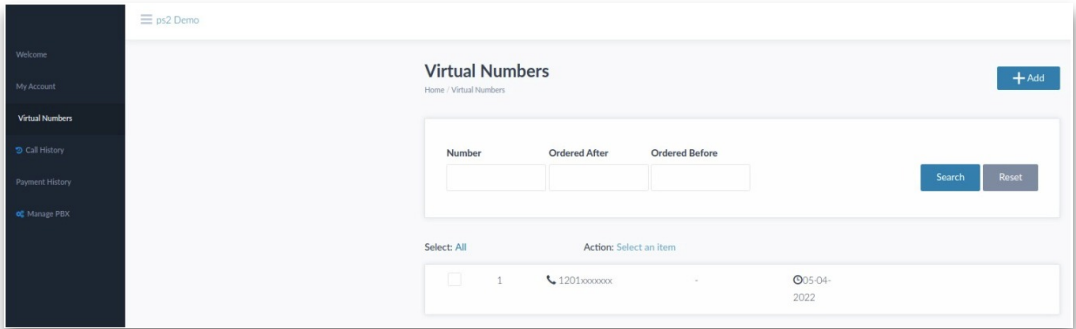
- Browse and purchase DID's (virtual numbers)
- View CDRs (call history)
- Manage PBX (phone.systems™)
- View billing info (my account)
- Make payments
- Enter new credit cards



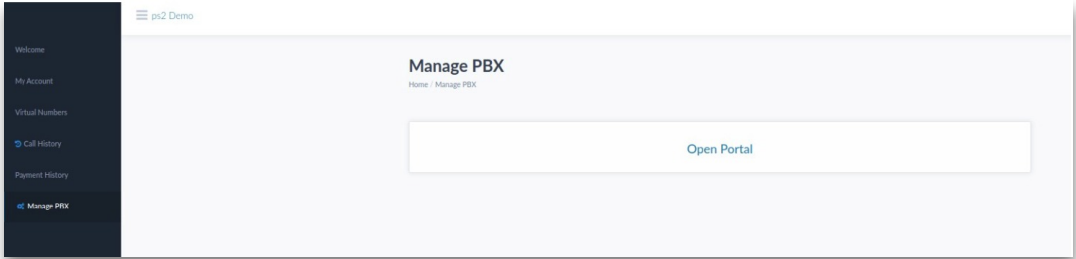




**Fig. 14.** My account section.



**Fig. 15.** Virtual numbers section.



**Fig. 16.** Manage phone.systems™ PBX section.