



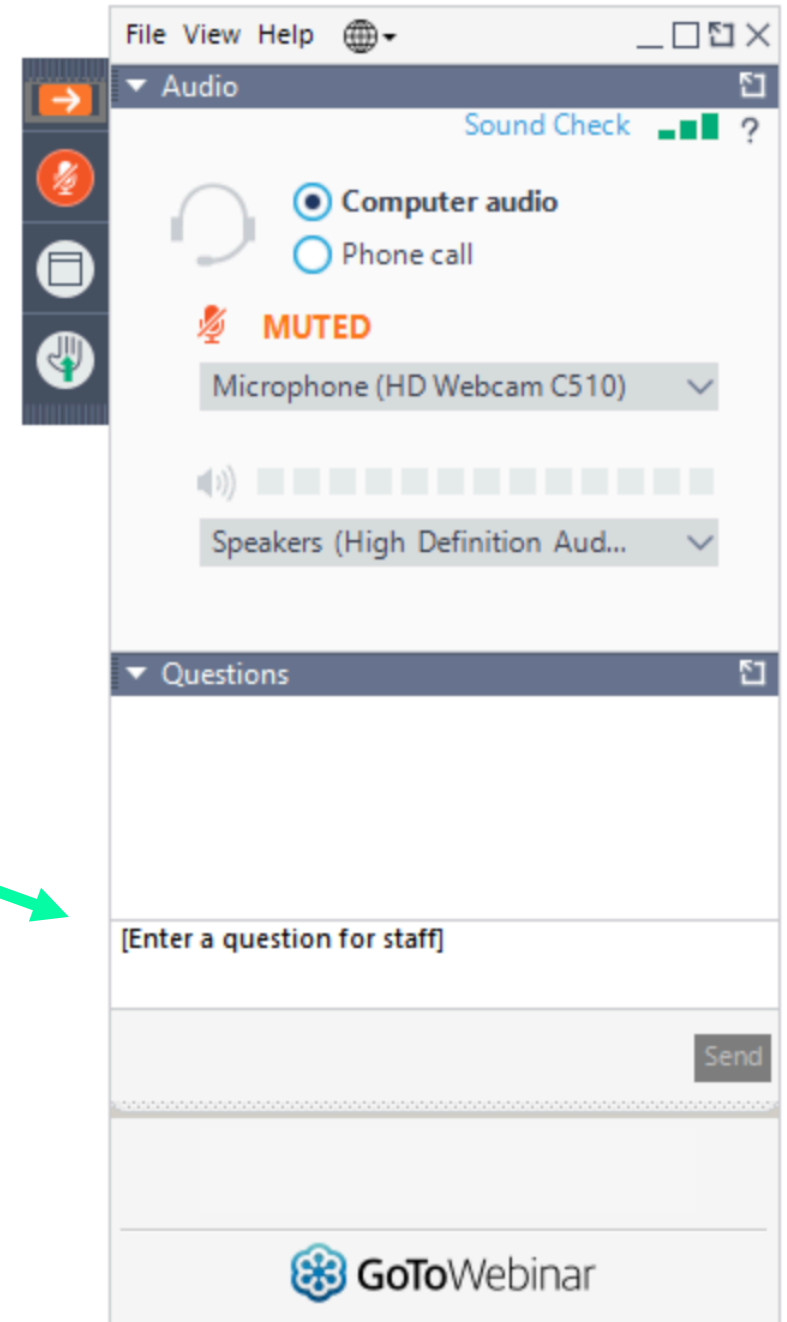
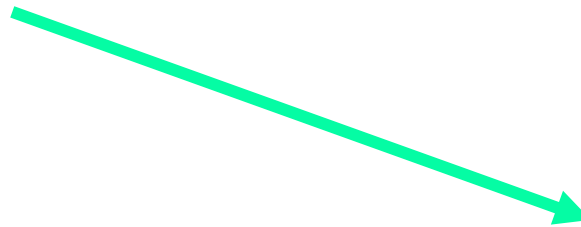
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# Introducing IP Toll-Free Call Routing: *Limited Beta Prep*

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# Webinar Control Panel

Submit your questions  
in the Questions box and our moderator  
will address your questions live.



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# Your Presenters



**KYLE BELCHER**

Senior Product  
Manager



**SUSHIL INAGANTI**

Product Manager



# What we will cover today

1. IP Routing Overview

2. Timeline

3. Beta Program

4. Process Overview

5. Demo

6. Q&A

# Toll-Free Routing: Then and Now

## Traditional TDM

- Much of the TDM infrastructure is aging and expensive to maintain
- Commonly converted to IP for transport
- Cost of feature group D network deployment is a barrier to entry for new providers

## IP Routing

- Routes via Internet Protocol
- Lower barrier to entry encourages competition and innovation
- Easily re-route traffic anywhere in the world

# Why Somos IP Routing?

- Standardize communication of IP Routing endpoints between originating and terminating service providers
- Centrally managed in the SMS/800 TFN Registry where data is controlled by Resp Orgs

Somos is here to help the industry  
move Toll-Free forward!

# How Can We Help?

## TRUSTED & RELIABLE



Somos is a trusted administrator of Toll-Free. All data is verified through the SMS/800 TFN Registry and distributed through RouteLink.

## EFFICIENCY



Providing a solution to help you seamlessly transition to IP with a location to centrally manage IP call routing.

## FLEXIBILITY



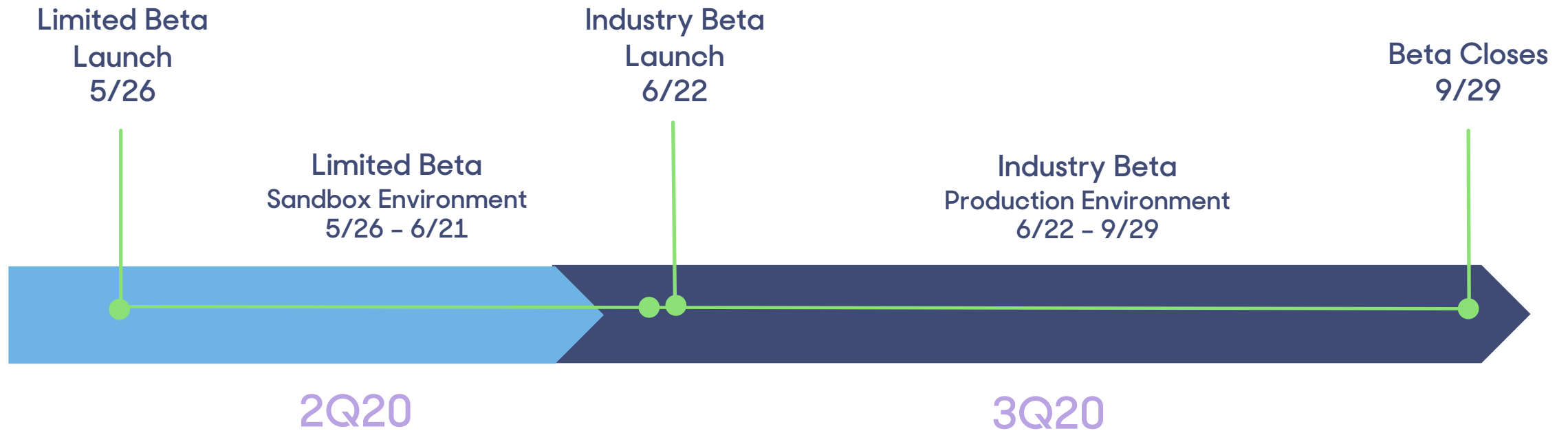
RouteLink enhanced to provide both traditional and IP Routing data updated in near real-time.

## FUTURE-PROOF



With carriers making the shift to IP networks from traditional TDM networks, empower yourself with the tools and knowledge to be fully prepared.

# IP Routing Program Timeline





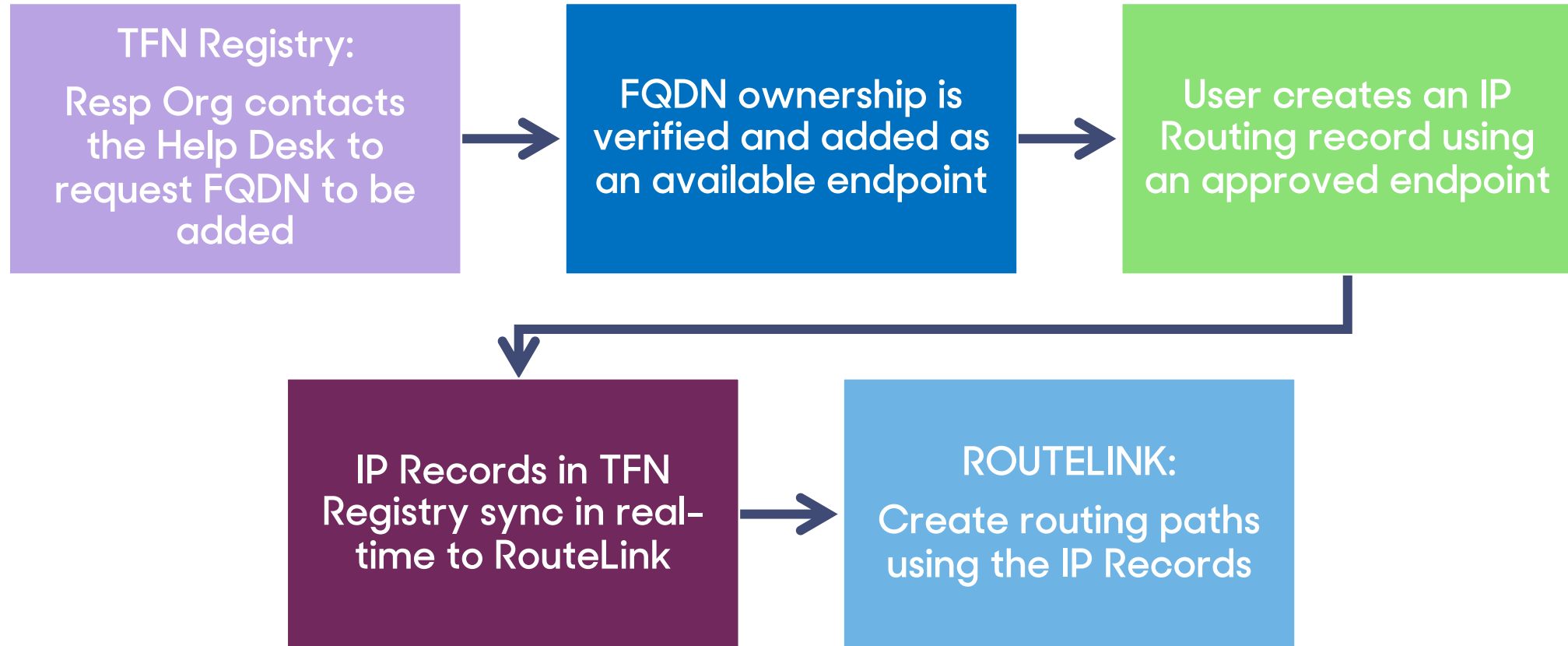
# IP Routing Beta Program

Limited Beta 5/26 – 6/21	
SMS800 TFNRegistry®	RouteLink®
Create and manage FQDNs and test IP Routing Records	Test data has been uploaded for RouteLink users to begin certification
Enabled in Sandbox	
Open to all current TFN Registry Users and RouteLink subscribers	



Industry Beta 6/22 – 9/29	
SMS800 TFNRegistry®	RouteLink®
Verify domain ownership on FQDNs to utilize on IP Routing records	Sync in real-time with all IP Routing records created in TFN Registry
Live in Production	
Open to all current TFN Registry Users and RouteLink subscribers	

# IP Routing Process



# Adding FQDNs

- Only Resp Orgs can request to have FQDNs added to the system
- An FQDN can only be added by contacting the Help Desk
- Must indicate if this will be an FQDN that you wish to utilize in production
  - Help Desk will work with you to verify domain ownership before Industry Beta
- Once added you can utilize the FQDN on you IP Records



# Access the IP Routing Beta Today!

## SMS800 TFNRegistry<sup>®</sup>

- <https://sandbox-tfnregistry.com>
- Login with current TFN Registry sandbox credentials

## RouteLink<sup>®</sup>

- <https://routelink.somos.com/login.html>
- Login with current RouteLink credentials

# SMS800 TFNRegistry<sup>®</sup>

## IP Routing Demo

# RouteLink<sup>®</sup>

## IP Routing Demo

## Administration

### API Clients

API Client Name	Client Status	Version	
Default	LIVE	v1	
testdeploy	SANDBOX	v2	Delete
somosTestIP	SANDBOX	v2-ip	Delete



Add API Client

SomosTestIP

V2

Add IP Routing API Client

API Client Name

Submit

# Get Started with your Sandbox Account

A RouteLink developer sandbox has been created for you. Your unique sandbox environment contains a queue of sample routing events for Toll-Free Numbers. The sandbox is yours to use, free of charge, for development and testing.

The RouteLink sandbox data has been updated to provide a true representation of live data so you can perform more extensive testing.

## Step 1 : Select your API

Please select your API

Default

testdeploy

API client: ✓ **somosTestIP**

API Version: v2-ip

Only one API client, default api client is selected.

## Step 2 : Download Sandbox Events

Press the Download Events button or run the command line sample from your terminal window to download events from your Sandbox. This simulation can be done multiple times until your queue of events is depleted.

### wget Command Line Sample

```
wget --header="Authorization: Bearer b17d02c5-ddf2-321d-97f5-1de2c9aa714f" https://api-
```

somosTestIP

### Message

Events are available for download.

### Events in Queue

108

### Events Downloaded

10

### Last Download

2020-05-27 03:30:39 UTC

### Audit Start

### Audit Complete

### URL

<https://api-routelink.somos.com/>

### Token ✓

Expiration 2020-05-27 04:19:52 UTC



## CPR Sandbox

18334100000

Search

RespOrg: BRSAC

Reference Count: 1

IP Reference Count: 10

## Routing Resolution

LATA

Month

NPA

-

NXX

-

XXXX

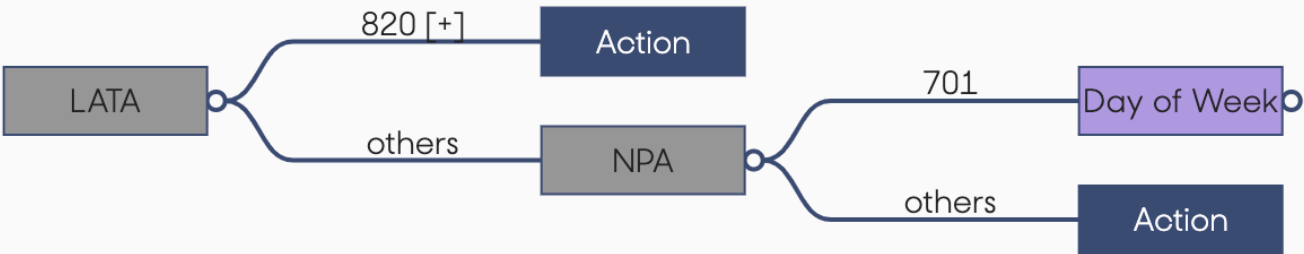
Time (24hr)

Day of Week

Apply

## Traditional CPR

## IP CPR



## CPR Sandbox

18334100000

Search

RespOrg: BRSAC

Reference Count: 1

IP Reference Count: 10

## Routing Resolution

LATA

Month ▾

NPA

- NXX

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Apply

### Traditional CPR

### IP CPR



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# Join the IP Routing Limited Beta Program Today!



Be a part of leading the  
digital revolution that is  
shaping the future of  
Toll-Free IP Routing!

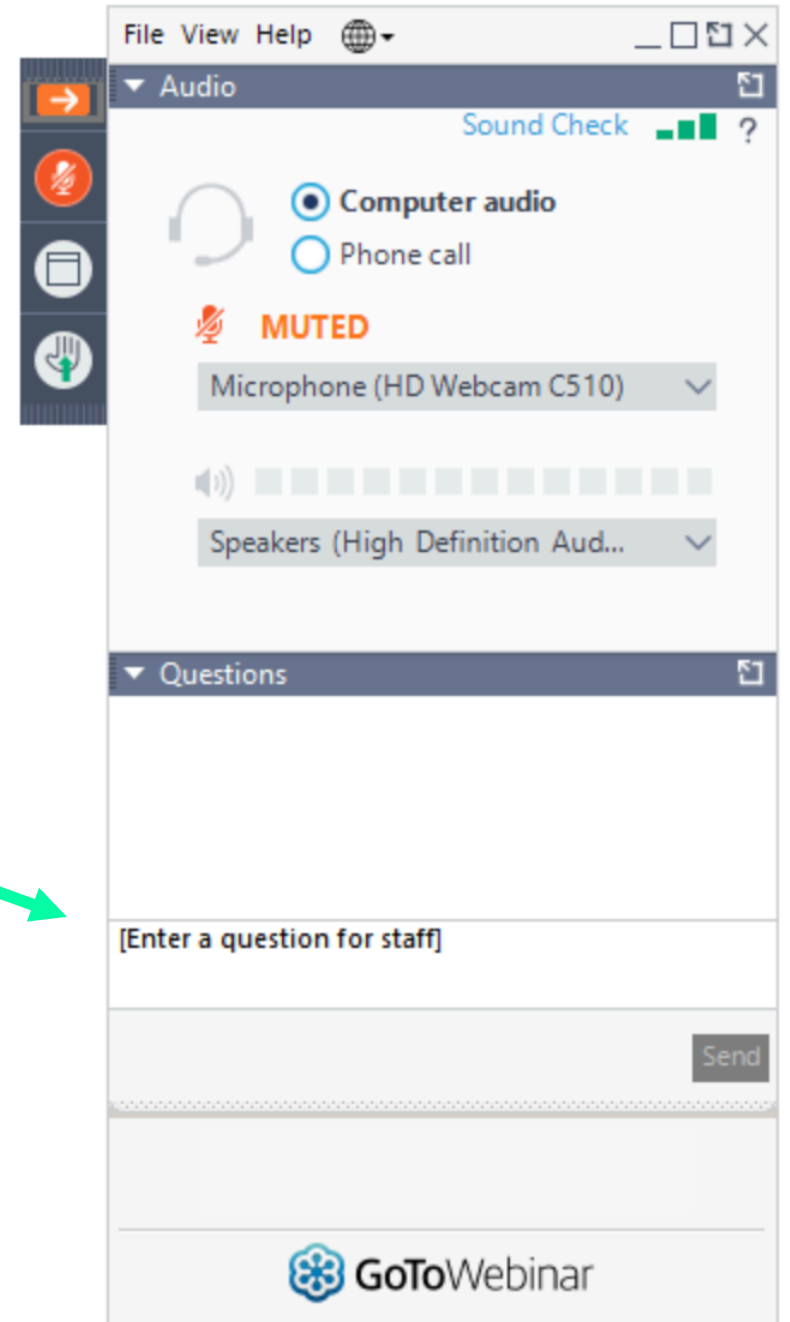
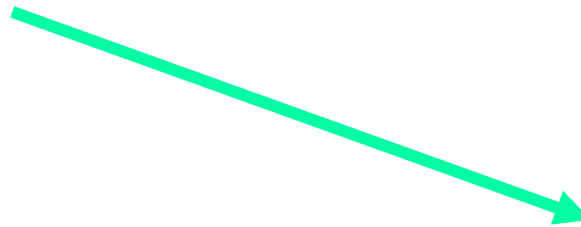
Questions?

TFN Registry user:  
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RouteLink subscriber:  
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