

Total Voice by Noventiq



TELEPHONY - CURRENT CUSTOMERS STATUS

The number of customers moving from analog or digital telephony systems to the cloud is growing all over the world. Many customers choose MS Teams and find that they lack some features (compared to older PBXs) that they still want to use. For instance, it is important for many to maintain complete control over their telephony costs. What should you do in this situation? The simplest and most correct solution is to install TOTAL VOICE, the IP-CoSell app from Noventiq!





CUSTOMER PROBLEMS with Legacy Phone Systems (PBX)

- High operational and maintenance costs of their current PBX service
- No expense management Lack of the right tool
- High cost of PSTN services bill No cost control neither in fixed cost (such as PSTN links) nor in calls
- Many providers to handle (One provider for PSTN services, one for PBX service, etc)
- PBX services separated from unified communications services
- Users working from home are not able to receive calls
- Multiple tools for the same purpose decentralized service
- High implementation cost of new features
- No reports at any level (lack of information that helps improve the cost control and the end-user adoption level
- High expansion costs (or no possibility) to other regions







Total Voice by Noventiq



TOTAL VOICE

a compliment for Microsoft Teams Phone System



Total Voice is a SaaS application that lets you migrate your legacy, on-premises phone system to a cloud-hosted PBX powered by Microsoft Teams. With its web-based management console, Total Voice makes it easier than ever to manage and provision your phone system in the Cloud, making Microsoft Teams your sole platform for unified communications and collaboration





Transform your legacy phone system with Total Voice

Total Voice helps you migrate your phone system to the Cloud and run a full featured Cloud **Phone System powered by Microsoft Teams**









...to this

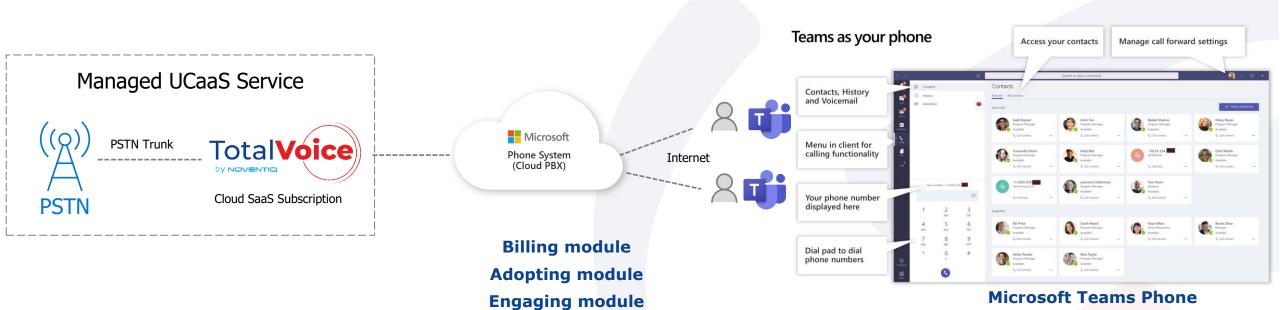
- Reduce management costs of on-prem PBX system
- Manage and operate your Teams phone system in the Cloud
- Track and analyze your phone billing costs
- Have a single platform for collaboration and communication
- Increase Teams adoption across your organization



TOTAL VOICE

Total Voice

Enables domestic and international inbound/outbound calling from Microsoft Teams



100% Cloud Services

TOTAL VOICE CALLING is integrated directly to your Microsoft Teams PBX





Who is it for?

Total Voice is the ideal solution for moving your telephony to Microsoft Teams if your company has:

- Microsoft 365 E5 or another Microsoft 365 plan with Teams Phone System license
- Call center operations (inbound calls)
- A legacy PBX with more than 5 years of deprecation or with PBX contracts about to expire.
- Worldwide, regional, or multiple local branch offices (located in different cities).
- Many PSTN service contracts.
- A need to migrate all IT services to the Cloud including on-premises phone system (PBX)



TOTAL VOICE Advantages





NO MAINTENANCE

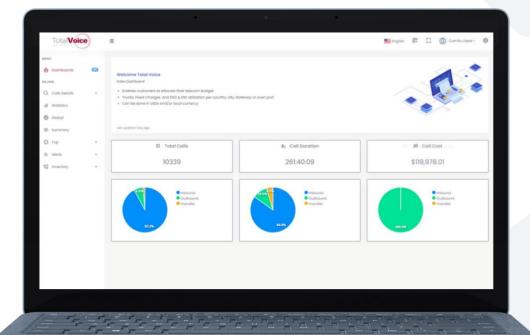
SaaS – Noventiq ensures always the product is up-to-date with **security** standards and latest features



EASY SETUP

Cloud-to-Cloud integration (Total Voice <-> Customer Office 365)

Information is taken directly from customer Microsoft 365 service





FLEXIBLE

The customer can contract as many modules as they need, there is no mínimum, there is no limit



USER-FRIENDLY

Do complex tasks with few mouse clicks using a simple to use webbased interface



CLOUD

100% Cloud, 7x24 Support, available worlwide, customer do not need to use their own Azure susbcriptions to get the service



ADVANCED REPORTS

From a collaboration-based service to complex Microsoft Teams-based call center environments, Total Voice has designed reports that fit the most common customer needs



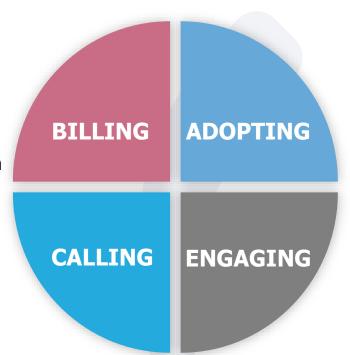
TOTAL VOICE: Consists of Four modules





BILLING

- TEAMS Extension Categories
- Corporate Telco Budgets
- Bags of Minutes/Money per user
- Cost Center Allocation
- Automated Reports
- Carrier/Trunks Analysis
- Minute Consumption Optimization



02

ADOPTING

- TEAMS Adoption
- Intentional Actions
- Differentiated Base lines
- Reporting
- Auditing
- Storage
- Devices



CALLING

- Microsoft TEAMS PSTN full activation.
- Inbound DIDs Globally available.
- Outbound Traffic to all the world.
- DIDs / DS0s worldwide.
- 01800s per country
- WFB RTC
- Minutes & Seconds



ENGAGING

- Information directly from Microsoft Teams Attendants and Queues
- AA and Queues Reporting in Real time
- Inbound call center operation
- Web RTC
- Compliance Recording





1. Total Voice Billing



TOTAL VOICE Billing



Migrate your traditional phone lines to Microsoft TEAMS Phone System without losing control and track of your telephony costs. TOTAL VOICE BILLING enables your business to move forward with the local, regional, or even global billing processes that are traditionally required when operating a voice network.

That way, your company can operate its geographically dispersed voice network with any combination of trunks that can range from analog lines, BRIs, PRIs, SIP trunks, T1s, J1s, E1s or even Microsoft calling plans in the cloud of Office 365.



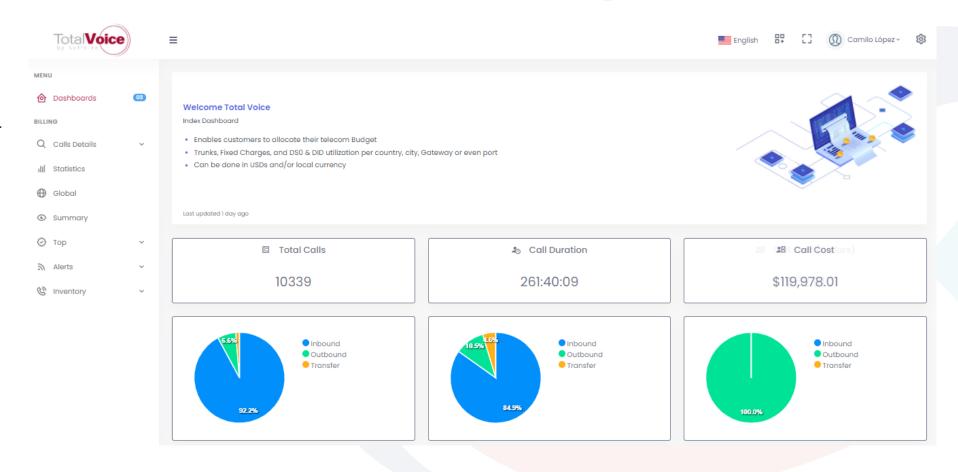
BILLING: Global Menu

Because Total Voice is a Web-based application,, You just need a browser (Chrome, Mozilla, Edge) to access it. There are the four modules, the first one is Billing

INDEX

DASHBOARD

- Calls details
- Statistics
- Global
- Summary
- Top
- Alerts
- Inventory



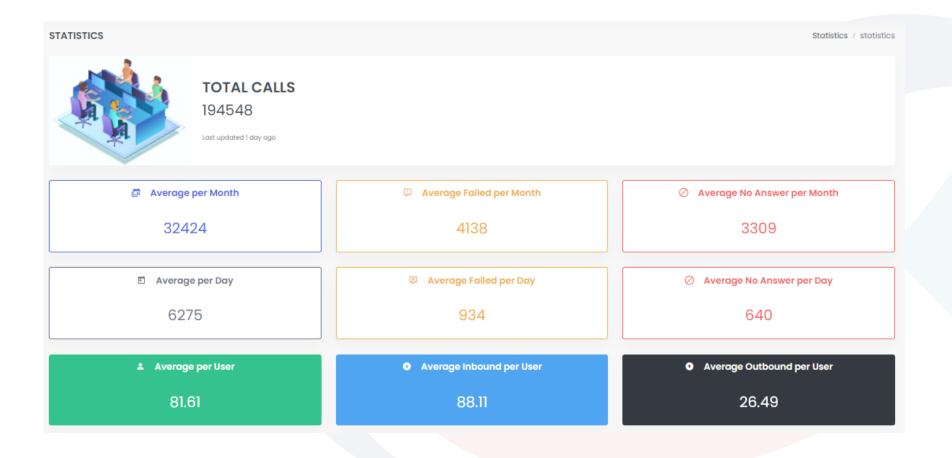


BILLING: STATISTICS

AVERAGE STATISTICS

- Daily
- Monthly
- Inbound
- Outbound
- Failed per day
- Falied per Month
- Non-Answered x day
- Non-Answered x month

Once logged into Total Voice, you have access to the global statistics with the main information for each category.





BILLING: Global Reports

CALLS AVERAGES

- Total Inbound Calls per year.
- Total No-Anwerred Calls per year.
- Total Outbound Calls per year.
- Total Failed Calls per year.
- Tenant Total Voice Monthly Cost
- Tenant Total Voice Monthly Calls

The global views provide, at a glance, the four most common types of traffic into the voice network, the customer is able to download this data per period previously defined





BILLING: Alerts

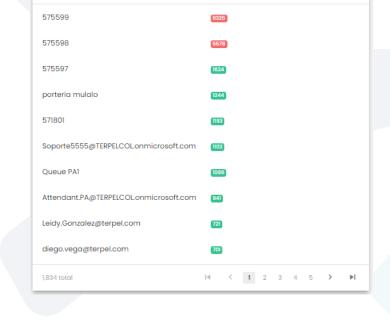


ALERTS:

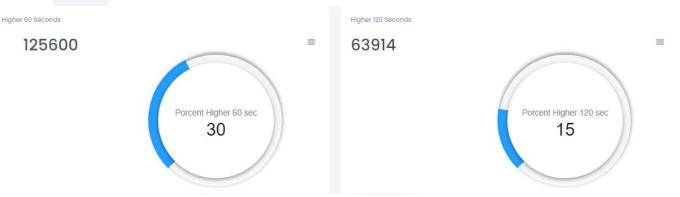
- Summary Alerts
- Alerts per Cost Center
- Alerts per User
- Alerts per hours of usage
- Bags of Minutes
- Bags of Money
- Filter by day/week/month
- Filter by quarter/year

You can set up threshold depending on predefined variables. In this case, It is possible to define the most expensive calls to be marked in red, indicating those calls are expensive for the company.

These features gives the administrator the option for planning and controlling the monthly expenses of the voice service



Cost 0



ExtensionName :



BILLING: Inventory Management

Track the utilization of:

- SIP Trunks
- E1s
- J1s
- T1s
- Analog Lines
- BRIs
- PRIs

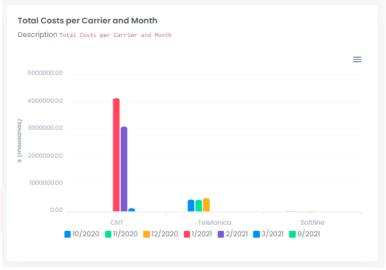
No matter what type of PSTN lines you have, such as TDM, analog, or SIP trunks, It is possible to monitor the concurrent amount of channels that have been used at any moment of the day. This report also offers the option of controlling the use of the DIDs that you have acquired.

Track the costs by:

- Type of Trunk
- Carrier Utilization
- Cost per Carriers
- Global Analysis per Carrier
- Expenses per trunk

Multiple carriers? That is not a problema! You can analyze which Carrier has been the most used in a certain period of time.



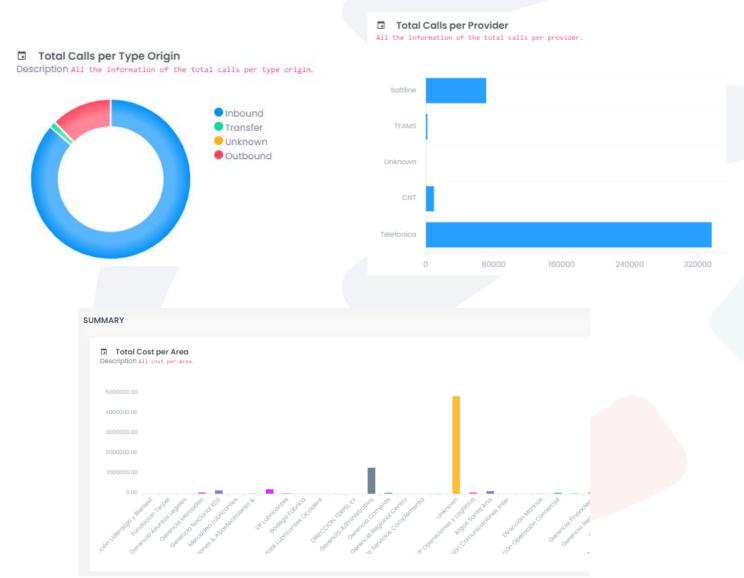




BILLING: Summary Reports

Filter your summary reports by:

- Areas
- Divisions
- Cost Centers
- Users
- Origins
- Destinations
- Inbound/Outbound
- Expense Location





BILLING: Top Consumption Reports

Examples:

- TOP Most Expensive Calls
- TOP Most Long Calls
- TOP Most Used Users
- TOP Most Non Used Users
- TOP Incoming/Outgoing (failed)
- TOP Dialed Numbers
- TOP Errors

In order to optimize the traffic and monthly costs, It is important to determine which calls (destinations) are the most expensive. This report provides that information for each category shown above.

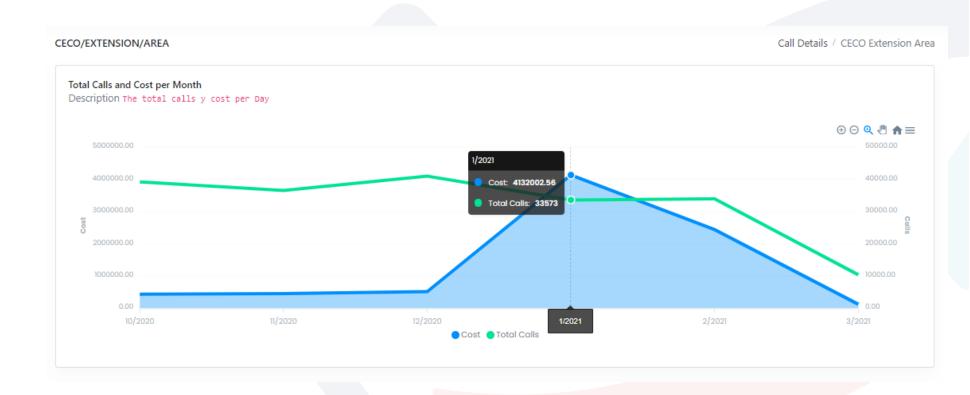




BILLING: DETAILED REPORTS

By:

- Area
- Division
- Cost Center
- User
- Provider
- Country
- Trunk



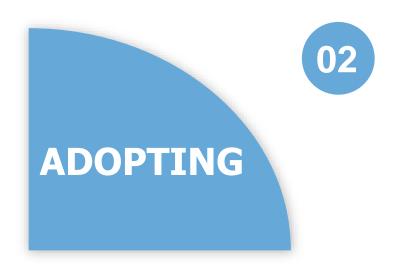




2. Total Voice Adopting



TOTAL VOICE Adopting



Are users using the tools that the company is paying for?

Our TOTAL VOICE ADOPTING module enables your administrator to gather the most important information regarding the Teams adoption level the company has. In only one centralized platform, the administrator will be able to see adoption reports on services such as:

- TEAMS Adoption
 - Teams
 - Channels
 - Apps and tools
- Differentiated Base lines
- Reporting
- Auditing
- Storage
- Devices

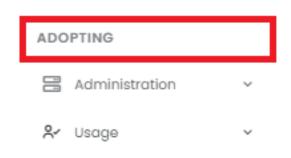
These reports/services make easier to the company to control how the Teams services have been used during certain period and determine what the best approach is to help the end users use the tools they already have.

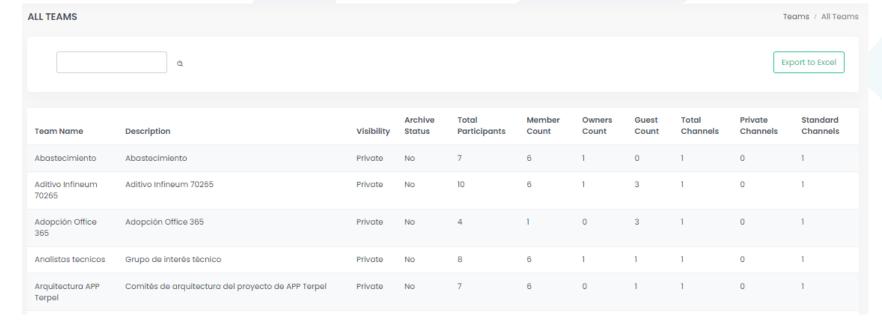


ADOPTING: Home Page

Easy to access, Easy to manage

Total Voice adopting has its own panel into the Total Voice web-based service, to access it: Click on "ADOPTING" at left of the screen and then choose one of the options to see the reports available for this service: "Administration" or "usage"



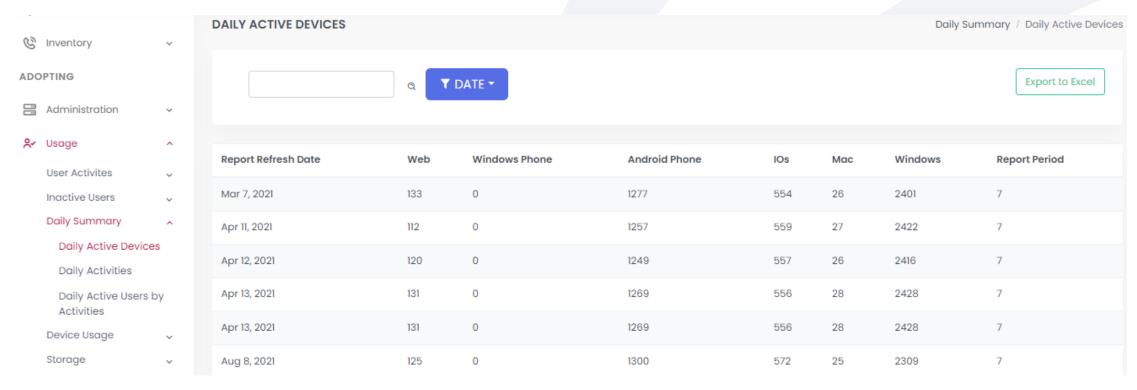




ADOPTING: Device Usage Report

Device Usage report offers a 360° view that allows the administrators to see which devices have been used the most. It also helps answer the following question:

- Have users been using personal devices to carry out their works?
- Are those devices allowed by the company?
- Is it the best practice to use them?







3. Total Voice Calling



TOTAL VOICE Calling



TOTAL VOICE CALLING enables your business to migrate your PBX to the cloud in only three-steps:

- 1. Select a number (global availability)
- 2. Acquire it.
- 3. Use it.

TOTAL VOICE CALLING is integrated directly to your Microsoft Teams PBX, Noventiq, acting as a VNO (Virtual Network operator) offers its calling plans worldwide, and where possible, even unlimited calls to the most common destinations or the option of porting the customer phone number to our cloud-based PSTN service. (subject to availability per country).



How it works

Select your number

In the Total Voice portal, the customers can choose among a list of options (local or international) the number they want to acquire*

Acquire

Once selected, Noventiq will be in charge to interconnect the phone number to the customers Microsoft Teams PBX system

Use

Integrated to the customer PBX, it is only a matter of using it for making and receiving calls worldwide

^{*} Porting number where possible



LEGEND: Available in each country where Noventiq has local offices

First step:

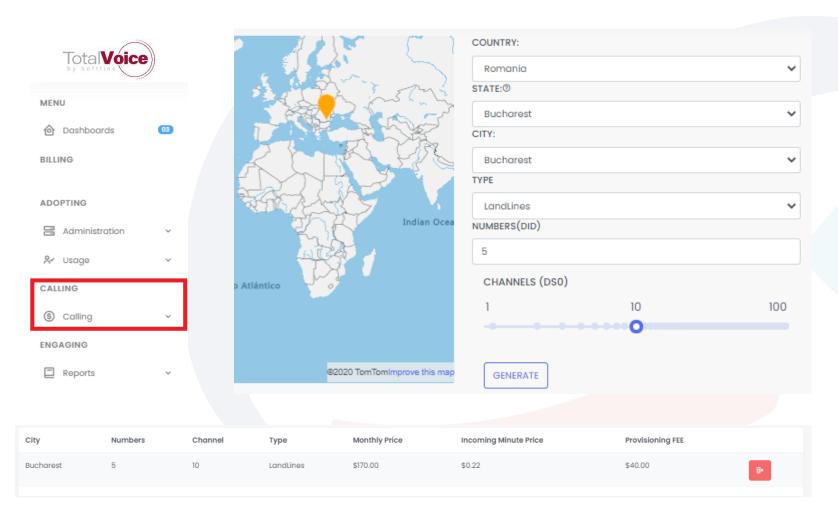
1. Select your number

It is a straightforward process, when into the service, the customer only has to follow the steps shown below:

- 1. Click on Calling Module
- 2. Select the country
- 3. Select the state
- 4. Select the city
- 5. Select the type:
- 1. Toll free: billed for all arriving calls instead of incurring charges to the originating telephone subscriber
- 2. Landline: regular phone number
- 6. Select the quantity of DID (direct number) to hired
- 7. Select the quantity of DSO (channels) to hired
- 8. Click on "generate"
- 9. Finally, accept the terms and conditions and click on "generate request" to finish the transaction

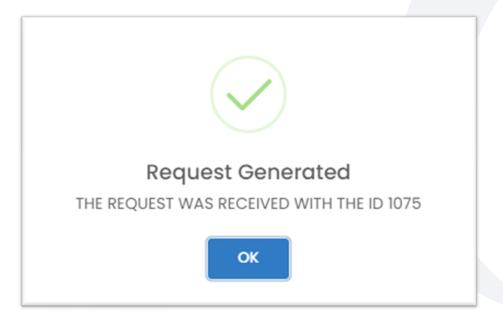
That is all!





Second step:





2. Acquire

Once selected, accept the "terms and conditions" and click on "generate request" to finish the transaction.

Finally, the customers confirms the number where they want to be notified.

Noventiq informs when the number is ready to be interconnected to the Microsoft PBX.

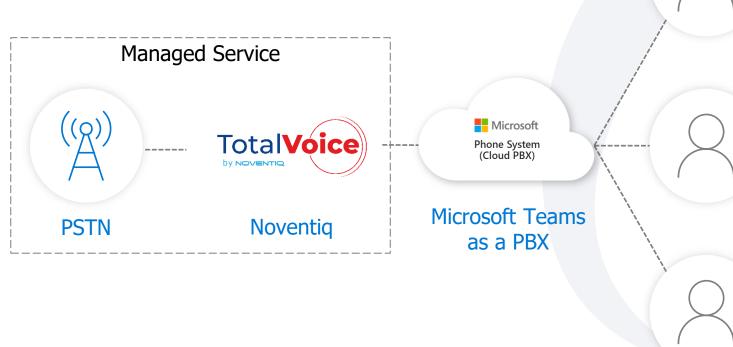
iThat is all!



Third step:

3. Use

Integrated to the customer PBX, it is only a matter of using the services for making and receiving calls worldwide*







^{*} Depends on what service level has the customer hired





4. Total Voice Engaging



TOTAL VOICE Engaging



The perfect tool to leverage the voice capabilities from Microsoft Teams as a PBX.

The main idea of TOTAL VOICE ENGAGING module is providing the following three reports:

- 1. Auto Attendant showing analytics for calls coming into your Auto Attendants.
- 2. Call Queue showing analytics for calls coming into your Call Queues.
- 3. Agent Timeline showing a timeline view of agents being active in Call Queue calls.

These reports use data from the Call Quality Dashboard data store and allow organizations to report on the number of calls being processed by auto attendants and call queues as well agent performance in the call queues.

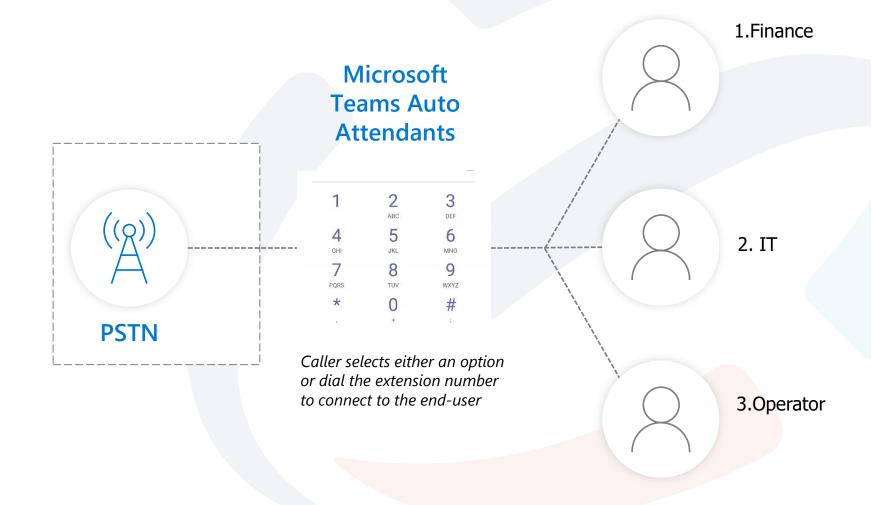


AUTO ATTENDANTS (AA)

Auto attendants can be used to let external and internal callers move through a menu system to locate and place or transfer calls to company users or departments in your organization.

An auto attendant is a series of voice prompts or audio files that callers hear instead of a human operator when they call an organization.

When people call a number associated with an auto attendant, their choices can redirect the call to a user or locate someone in your organization and then connect to that user. They can express their choices and interact with the menu system by using a phone keypad (DTMF) or speech recognition.



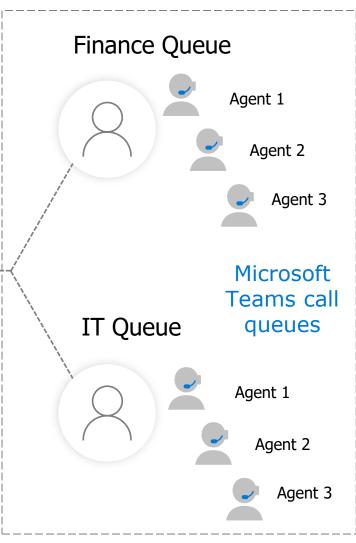


CALL QUEUES



1	2	3
	ABC	DEF
4	5	6
GHI	JKL	MNO
7	8	9
PQRS	TUV	WXYZ
*	0	#
	+	

Once the caller selects an option, the call can be routed to the Queue where a group of agents will answer according to the "call distribution" selected for each queue



Cloud call queues are a service that plays a voice greeting message to customer calls before placing them in a queue while searching among a pre-defined set of agents to answer these calls.

Cloud call queues can provide:

- A greeting message.
- Music while people are waiting on hold.
- Redirecting of calls to call agents inmailenabled distribution lists and security groups.
- Settings different parameters such as queue maximum size, timeout, and call handling options.
- Call routing in First In, First Out (FIFO) order – to agents



Engaging: Reports

Auto Attendants & Queues

- AACallerActionCount: # of action selected by user in AA during the call
- TotalCallCount: # of calls
- Incoming call source: Distribution of call by Internal/ External call source
- Call result: Distribution of call by final call state
- Timeout/Overflow call total action: Distribution of NOT forwarded(abandoned) call by call result
- Abandoned calls ratio: Ratio of successful to abandoned call count

Agent timeline

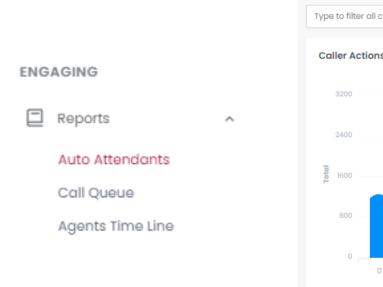
- # calls by agent: Distribution of call by call queue and agent
- Total call duration (seconds) by agent and Call Queue:
- Average call duration (seconds) by agent name

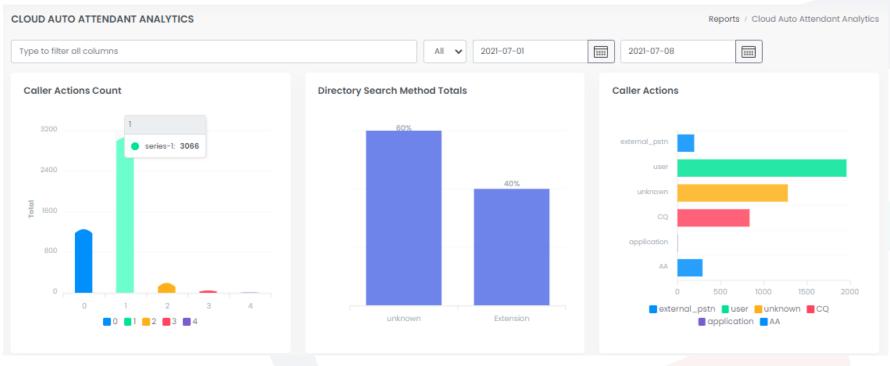






ENGAGING: AUTO ATTENDANT VIEW







AUTO ATTENDANT VIEW: DETAILED REPORTS

CALLER ACTIONS COUNT

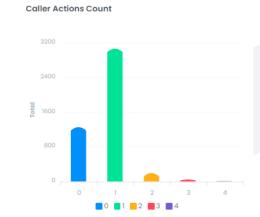
Imagine you have a menu with 5 options, this reports allows the administrator to:

- Determine how many calls has the company receive in a period (once the filter has been applied).
- Review what the behaviour is once the users are into the menú, and which menú option is the most selected.

DETAILED INFORMATION

In this report the administrator can see:

- Call start and end times
- Caller ID
- From (PSTN or internal)
- Action (transfer to an option or a user)
- Call duration



Id 0	Start Time 0	Start Time 0	Identity 0	Transfer Action :	Call Result 0	Chain Duration	Count 0	Connectivity Typ	PSTN Minutes 0	Total Call Count	Directory Searc
672	2021-07-07T13	2021-07-07113	Attendant.PA(external_pstn	transferred_ta	44.5	1	External Call	0	1	unknown
673	2021-07-07T14	2021-07-07T14	Attendant.PA(external_pstn	transferred_ta	39.04	1	External Call	0	1	unknown
674	2021-07-07T14	2021-07-07T14	Attendant.PA(external_pstn	transferred_ta	16.64	1	External Call	0	1	unknown
675	2021-07-07T14	2021-07-07T14	Attendant.PA(external_pstn	transferred_ta	37.19	1	External Call	0	1	unknown
676	2021-07-07T14	2021-07-07T14	Attendant.PA(external_pstn	transferred_ta	49.43	1	External Call	0	1	unknown
677	2021-07-07T15	2021-07-07T15	Attendant.PA(external_pstn	transferred_ta	39.4	1	External Call	0	1	unknown
678	2021-07-07T15	2021-07-07T15	Attendant.PA(external_pstn	transferred_ta	36.18	1	External Call	0	1	unknown
679	2021-07-07T16	2021-07-07T16	Attendant.PA(external_pstn	transferred_ta	42.22	1	External Call	0	1	unknown
680	2021-07-08T0	2021-07-08T0	Attendant.PA(external_pstn	transferred_ta	35.61	1	External Call	0	1	unknown
681	2021-07-08T0	2021-07-08T0	Attendant.PA(external_pstn	transferred_ta	34.87	1	External Call	0	1	unknown
4,553 total										2 3 4 5	> ►



AUTO ATTENDANT VIEW: DETAILED REPORTS

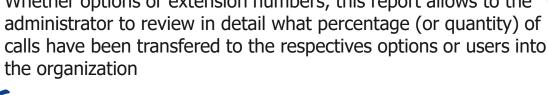
INCOMING CALL SOURCE

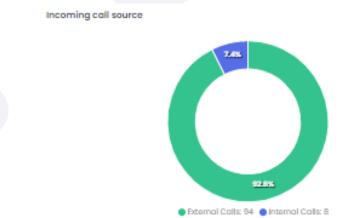
Distribution of answered calls depending on the origin

- **External call origin:** Calls coming from the PSTN network
- Internal call origin: Calls from users who have communicated with the queue through the Microsoft teams client
- The number of calls is the parameter that is considered to determine the origin of the communications towards the queue

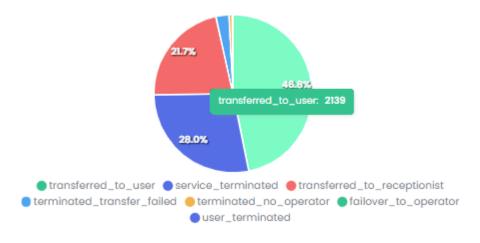
CALL RESULTS

- Depending on which and how many options the customer has configued, is it posible to review to what destinations the calls have been routed
- Whether options or extensión numbers, this report allows to the administrator to review in detail what percentage (or quantity) of the organization

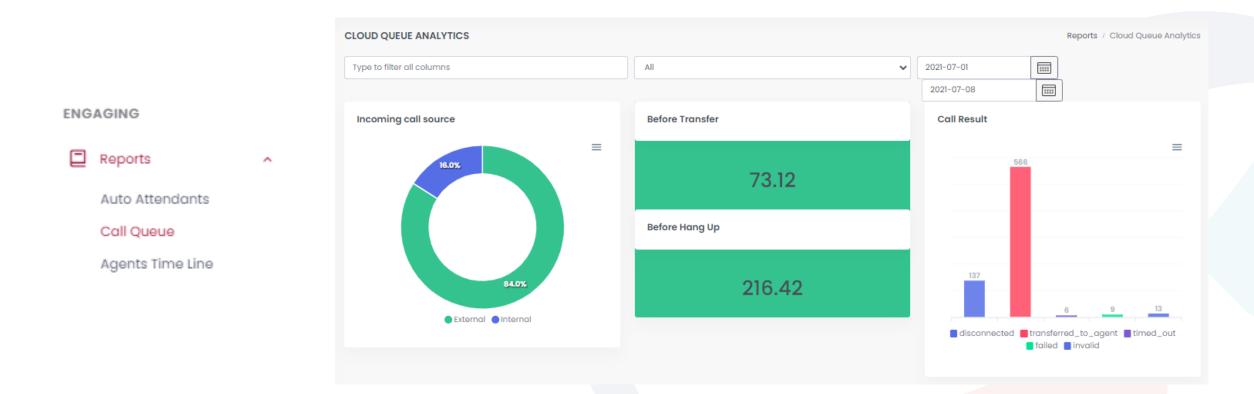








ENGAGING: CALL QUEUES VIEW





CALL QUEUES VIEW: DETAILED REPORTS

INCOMING CALL SOURCE

Distribution of answered calls depending on the origin:

- **External call origin:** Calls coming from the PSTN network
- **Internal call origin:** Calls from users who have communicated with the queue through the Microsoft Teams client
- The number of calls is the parameter that is considered to determine the origin of the communications towards the queue

CALLER ACTION TIMES BEFORE TRANSFER OR ABANDON

- Before transfer: Average time that elapses since the user is in the call queue waiting for the attention of an agent and the agent answers the call
- Before hang up: Average time that elapses since the user is in the call queue waiting for the attention of an agent and the user hangs up the call without receiving attention





CALL QUEUES VIEW: DETAILED REPORTS

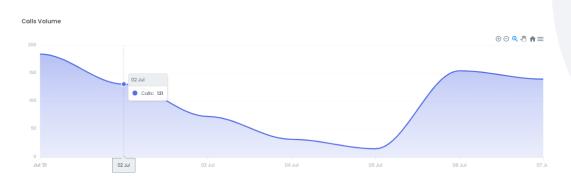
ABANDONED CALLS

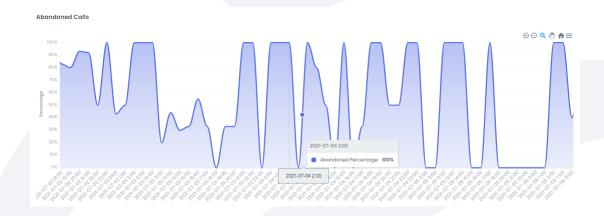
Number of calls not hung up by end users because they are not answered by any agent

- It is possible to filter by dates
- The number of abandoned calls is displayed

CALL VOLUME

Daily per selected period





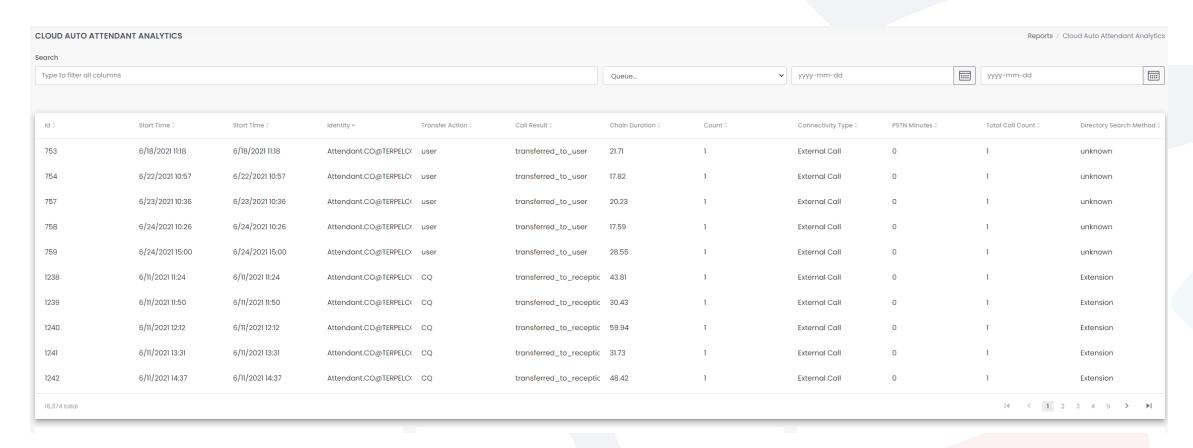
AVERAGE SESSION LENGTH (SECONDS)

Average time a successful or abandoned call is connected





CALL QUEUES VIEW: DETAILED REPORTS

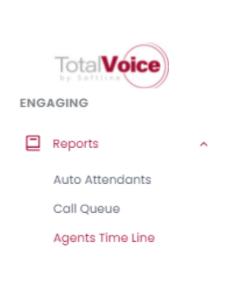


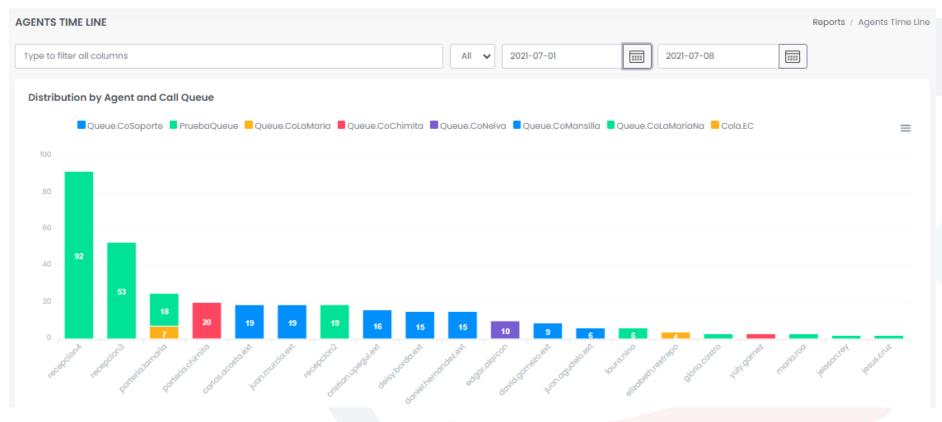
DETAILED SEARCH FOR CALLS

Call filters to search by dates, queues or type of call where you can see the details of the calls that present atypical behaviors



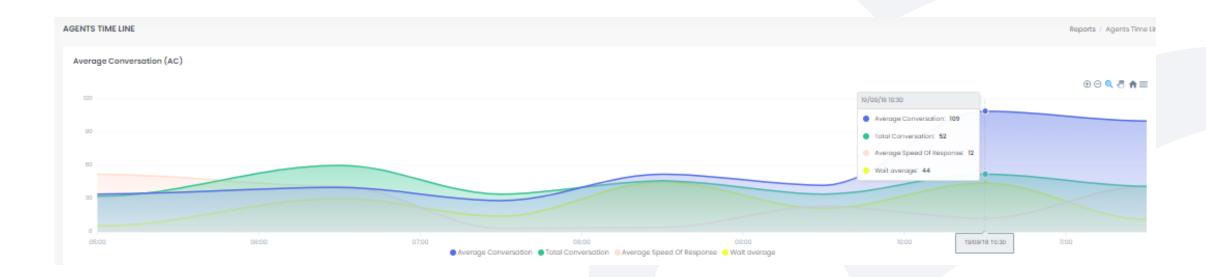
AGENTS VIEW







AGENTS VIEW: DETAILED REPORTS



AGENT TIMELINE

- Average conversation: Average time agents spend on a call
- Total Conversation: Total conversation time of the agents in a queue
- Average Speed of response: Average response speed of agents to incoming calls
- Wait Average: average waiting time of users before answering the agents or abandoning the call



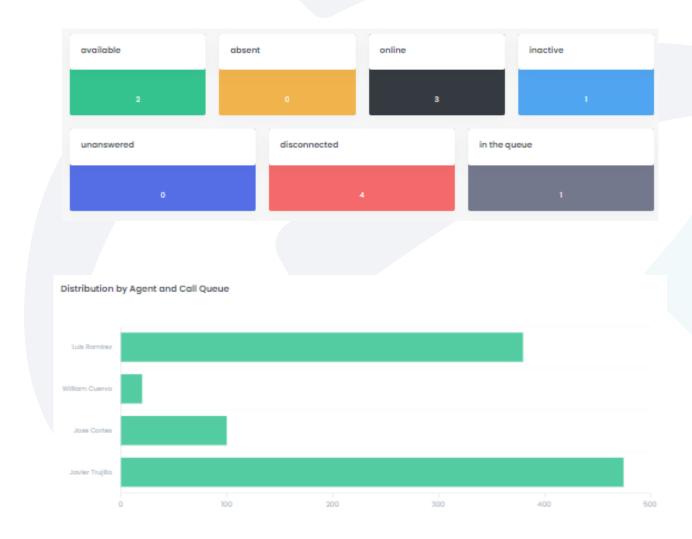
AGENTS VIEW: DETAILED REPORTS

AGENT STATUS

- Available: Status in which the agent is available to receive communications
- Online: Available and in the call queue
- Absent or inactive: Agent having a high no interaction time in Microsoft Teams
- Disconnected: Agent that is logged out of Microsoft Teams
- In the queue: In addition to being logged into Microsoft Teams, the user is enabled to receive calls from the queue to which it belongs

DISTRIBITION BY AGENT AND CALL QUEUE

- Distribution of the calls handled by each of the agents that belongs to the call queue.
- Calls are represented in number of calls







1ST COLOMBIAN GASOLINE & OIL DISTRIBUTOR

- TERPEL has 2,500 extensions
- TERPEL had a mix of AVAYA IP/Digital/Analog technologies + Panasonic in some of the 5 countries in the Andean region.
- They had 32 different PBXs to administer, monitor, Support and maintain. With Microsoft just ONE.
 They moved to Microsoft Teams with Total Voice

Main Challenges for the customer:

- Management of the AVAYA was extremely complex.
- Billing of the AVAYA was extremely poor.
- Integration of AVAYA with POLYCOM video conference was almost zero.

Benefits:

- Only ONE single expense Management layer with Total Voice BILLING module.
- One FULL adopting tool for the 2,500 users in all LATAM with Total Voice ADOPTING Module.
- Native Video Integration with POLY
- One Management interface with TOTAL VOICE.



Success Stories



4TH BIGGEST CINEMA PLEX IN THE WORLD

- CINEPOLIS has more than 2,000 seats in Office 365 and presence in 27 countries with a total of 7,000 employees.
- They had 27 different PBXs to administer, monitor, Support and maintain. With Microsoft just ONE. Initially they went to cloud PBX with Skype and then with TEAMS

Main Challenges for the customer:

- Different PBXs, different vendors, different Support contracts and brands.
- High Telecomm Bills for International long distance
- Huge OPEX associated to the Voice Network

Benefits:

- Only ONE single expense Management layer with Total Voice BILLING module.
- One FULL adopting tool for the 7,000 users in all LATAM with Total Voice ADOPTING Module.
- Zero long national or International telephony bills.



FOOD MANUFACTURER IN MEXICO

- The Objective was to replace the old network of 20 AVAYA distributed analog/digital PBXs all over LATAM for just one single voice system.
- TEAMS was chosen as a HUB of communications with Microsoft 365.
- RIBBON was the Partner for SBCs/GWs. Only Total Voice Billing and Adopting was implemented.

Main Challenges for the customer:

- Problems with electricity in the remote sites
- High Telecomm Bills for International long distance
- Mexican Telephony Signaling is Proprietary NOT standard.

Benefits:

- Only ONE single expense Management layer with Total Voice BILLING module.
- One FULL adopting tool for the 12,000 users in all LATAM with Total Voice ADOPTING Module.
- FULL integration with all the Microsoft 365 applications.

Global expertise, local outcomes

Noventiq is a leading Microsoft partner

Noventiq is a leading global solutions and services provider in digital transformation (DX) and cybersecurity. We specialize in multi-cloud environments with a focus on Microsoft technology, coupled with expertise in software, proprietary services and solutions. We offer customers a comprehensive portfolio of Microsoft cloud services alongside our own services for transformation, management, security and modernization.

25+

Years of collaboration

700 +

Microsoft Certified Professionals One of 10

Microsoft globally managed partners worldwide



Total Voice Awards

Frost & Sullivan Awards:

- 2022 Product Leadership Award
- 2021 New Product Innovation Award

Microsoft Partner of the Year Awards

- ✓ FY21 LATAM Microsoft Partner of the Year in TEAMS Calling & Meetings
- ✓ FY20 LATAM Microsoft Partner of the Year in TEAMS Calling & Meetings

Noventiq is a trusted partner in Microsoft Cloud Partner Program with all 6 Solution Designations, deep solutions expertise supported by Azure Expert MSP status, 12 Advanced Specialization in Azure, Security, Modern Work and Business Applications. An active member of Microsoft Intelligent Security Association.



Microsoft Partner

Azure Expert MSP

Microsoft

Member of
Microsoft Intelligent
Security Association

Microsoft



Azure

Solution Partner Designation

- ✓ Infrastructure, Data & AI
- ✓ Digital App and Innovation

Advanced Specializations

- Windows Server and SQL Server Migration to Microsoft Azure
- Linux and Open-Source Databases Migration to Microsoft Azure
- Microsoft Azure Virtual Desktop
- Kubernetes on Microsoft Azure



Security

Solution Partner Designation

✓ Security

Advanced Specializations

- Cloud Security
- Identity and Access Management
- Threat Protection
- Information Protection and Governance



Modern Work & Business Applications

Solution Partner Designation

- ✓ Modern Work
- ✓ Business Applications

Advanced Specializations

- · Adoption and Change Management
- Calling for Microsoft Teams
- Teamwork Deployment
- Microsoft Low Code Application Development





Thank You

