

automate your call center ops with

true voice Al



### Who we are

**Dasha** is a conversational **voice AI** platform

97% of all people talk to our Al as they would to a human

While applications for voice technology of this level are virtually unlimited, at this time we are focusing on B2C communications in call centers.

## Trusted by











### **Problems**

Today's businesses use call centers to communicate with customers

#### Employees:

- Go off script
- Are humans (emotional)
- Often inefficient
- Often under-motivated

- The highest turn-over rate of all industries (30-45%)
- Require constant overhead costs (training, HR, office, hardware, management)

Unhappy customers

**High costs** 



### The solution

**Automate** entire business processes

- take inbound calls
- make outbound calls
- transfer to your operator
- keep a 365 degree operations view

- integrate deeply
  - initiate calls
  - log data
  - set up BI reporting

#### **Use cases**

#### Industry-agnostic

- NPS/CSI surveys
- sales qualification

#### HR

- appointment booking
- updating resumes

#### Insurance

- quick claims filing
- policy renewal
- updating customer details

#### Healthcare

- appointment booking
- updating resumes

#### Financial services

- inbound calls routing
- customer queries
- information campaigns

## Why us?

Dasha does the work of a (dozen) call center operator(s), more stably, at a fraction of the cost and with no overheads.

Features	Dasha	Call center operators
Human-level conversation	Yes	Yes
Deep multi-level scripts	Yes	Yes
Unlimited concurrent calls	Yes	No
Unlimited speech input	Yes	Yes
Fully integrated (instant reporting)	Yes	No
Always follows the script	Yes	No
No overhead costs (rent, HR, training)	Yes	No
Instant script changes	Yes	No
No human errors	Yes	No
Failed calls at no charge	Yes	No
Cost	Dasha costs 2-6 times less	



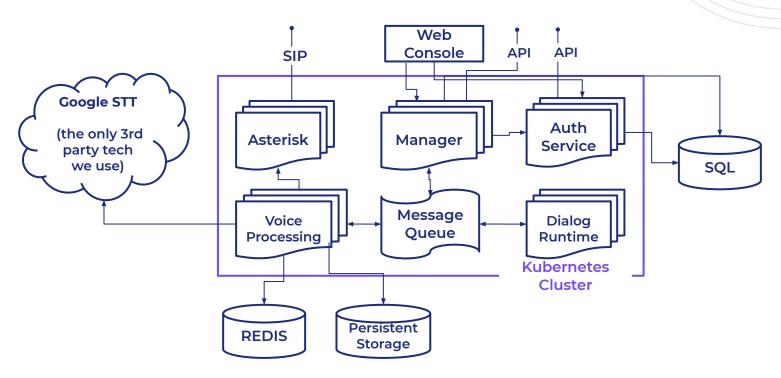
### Soft benefits

In addition to costing **2-4 times less** than operators,
Dasha also allows you to

 provide a standardized level of service to your customers and experience to your management

- free up human resources
- cut back hiring, training and management
- if your call throughput increases,
   Dasha can handle the load
- turn happy customers into brand ambassadors

## **Architecture**





## **Security**

We don't touch your customers' personal data. At all.

- HTTPS encryption of all external web traffic
- SIP (TLS) and RTP (SRTP) traffic encryption

- OpenID Connect for API authentication
- state of the art Kubernetes deploys
  - RBAC for API authorization for all clusters
  - HTTPS encrypted endpoints for Kubelets
  - Pod security policies
  - Networking policies
  - Restricted access to etcd
  - Audit logging
  - Infrastructure credentials rotation
- and additional ways to keep your data secure that we can explore

## **Cloud hosted**









### We are creators

13 Masters of Science
3 PhD's
2 Doctors of Science
17 ACM ICPC (semi-) finalists

Chief Research Scientist is former **Kaggle #1** and a **professor** with the Russian Academy of Sciences

- 65% of the team are engineers
- 43 geniuses
- ML models improve consistently
- updates 1-2 times a month
- each new update improves your models

## Roadmap

https://dasha.a



2021 Series B 2022 Speech recognition and synthesis on the human level Series C 2023 Automated script and behavior generation on the fly

Full Turing test

2024

## case studies



# **Leading insurer**without Dasha

The largest new furniture **insurer** in the U.S.

- 200 call center reps are not always enough to handle calls
- at peak times temp staff are hired
- operators can spend 7-8 minutes on a call that should take 3
- the hiring market for operators is tough
- costs of the operations are high

# **Leading insurer**with Dasha

**\$700,000** in the first year.

- zero downtime
- handle inbound calls load at scale
- complete calls in 3 minutes
- standardized experience
- customer satisfaction goes up due to ease of communication
- cut the chord on the hiring market

# **Leading homecare agency**without Dasha

The largest home care agency in Brooklyn and Bronx has to assign carers to at least 5000 patients on a weekly basis.

- shift booked by administrators
- as the business grew this expanded to full-time call center
- the process is still not scalable and requires constant management
- human errors in reporting
- straight-forward conversations become jumbled because people have a hard time following scripts

# **Leading homecare agency**with Dasha

**\$216,000** in the first year

- shifts booked automatically
- a schedule of carer availability maintained
- the longer the model runs the shorter the calls - as we have more data we just confirm that the time the carer stated earlier works for them and book
- no human errors in reporting
- conversations are time efficient, as always follow the script

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Let's talk

