

The PubNub Platform

PRODUCT SHEET 2019

Traditional web architectures can no longer meet the needs of today's, and certainly not tomorrow's, applications. With an estimated 20 billion connected devices expected online by 2020, the old way of doing things simply cannot provide instantaneous communication reliably and securely enough for the modern product.

You need a messaging network to connect everyone, everywhere, instantaneously. And you need a network that empowers the world's devices to interact in realtime - reliably, securely, and at massive scale to deal with the demands of now, and the future.

PubNub is the answer, providing a complete, robust, and globally scaled network for any realtime use case.

Connect

PubNub brings connectivity to any device, anywhere on Earth. A smartphone, a server, a sensor, a smart fridge, or even [Internet-connected ambulances](#) (yes, we connect those).

Connectivity is where it all starts. The PubNub Network opens up secure bidirectional communication channels and connects devices to send and receive data. With 70 SDKs and an extensible platform, PubNub ensures you can connect any type of device to where ever you want, and that's where the power of realtime begins.

Deliver

Next-generation apps need a network that can handle realtime connections, at massive scale - low latency, high redundancy, high reliability. The [PubNub Data Stream Network](#) delivers on this mission-critical need, empowering you to deliver data in realtime, reliably and securely, with a 99.999% uptime SLA.

Benefits

- Get to Market Faster**
We handle the infrastructure, SDKs, and security so you can focus on shipping the best products.
- Outplay the Competition**
Serverless compute and best-in-class 3rd party integrations deliver new ways to innovate.
- Ship with Confidence**
Powered by the PubNub network, with 15 global points-of-presence and a 99.999% uptime SLA.
- Play Nice with Everyone**
70+ SDKs, cross-platform, cross-device, and featuring easily-integrated 3rd party services, PubNub works everywhere.
- Enterprise-Grade Security**
From end-to-end encryption, to fine-grained access control, your users' messages are safe, and you're in control.
- Clear, Transparent Pricing**
Pay only for what you use, scaling up or down seamlessly with your user activity.



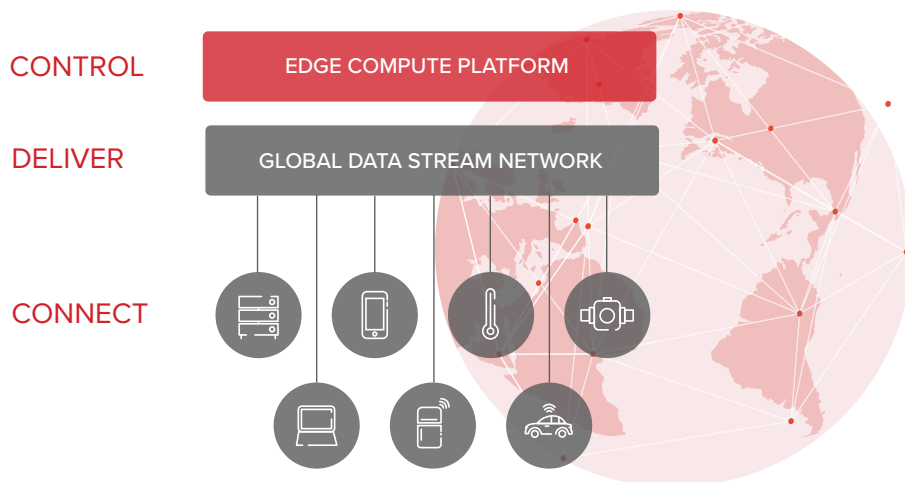
Data delivery is more than just sending a message. It's limitless - send a chat message, trigger a smart device command, stream IoT sensor data, swing a virtual sword, broadcast a notification.

And security can't be an afterthought, so we made sure [all the bases are covered](#) - encryption, access management, and required regulatory compliances (HIPAA, Privacy Shield, SOC-2, and more).

Control

To build the future, you need to do more than just move data around. You need an infrastructure that enables you to act on the data in-motion, at the edge, with serverless compute. PubNub is extensible by design, and with [PubNub Functions](#) and [Blocks](#), you can bring in best-in-class services, or build your own microservices, directly into the network.

Functions lets you enhance the capabilities of your product without the risk of devoting engineering and financial resources to building serverless infrastructure: all computation takes place directly in the network.



Innovate

Stop reinventing the wheel. PubNub pre-built frameworks accelerate delivery of products and ensure you're building realtime apps with the best practices and design patterns.

[ChatEngine](#) is an open and extensible chat framework for building powerful web, mobile, and desktop chat apps that scale. And [Project EON](#) lets you quickly deploy dashboards and maps and visualize any stream of realtime data.

Focus on innovation and outpace the competition rather than building functionality and infrastructure from scratch.

Key Features

- Global infrastructure
- Powerful realtime APIs
- 70+ SDKs for web, mobile, gaming, IoT, and server
- Scalability for massive audiences
- Fine-grained access management
- 50+ integratable partner services

Key Numbers

- Delivering more messages per day than Twitter
- $\lt; \frac{1}{4}$ second latency world-wide
- 99.999% uptime SLAs



PubNub was the complete solution. We needed to move quickly and didn't want to reinvent the wheel. PubNub provided us a one stop shop with its infrastructure, its SDKs, and its monitoring, all with very high SLAs. For a company like us, PubNub was the solution we needed.

I N S T E O N

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