

# Step into the Future:

*Supercharge your Business with AI*

**Telecommunications is at a tipping point.** Customers demand instant service. Networks must operate seamlessly. Operational costs continue to rise, while maximizing revenue and customer loyalty remains a challenge.



# Pypestream's Autonomous Intelligence Platform (AIP):

A revolutionary system powered by 3,000+ Pypestream AI-powered microagents that tackle complex telecom challenges. From streamlining operations and automating customer interactions with Virtual Assistants to optimizing network performance and digitizing field operations, Pypestream transforms every corner of your business.

## 216. AI Personal Assistant

Powered by **pypestream**

Hi, I'm your Pypestream Digital Assistant.

How can I help you?

[Check order status](#) [Manage account](#)

## 693. Payment Transfer

Card Number  
1333 4455 6677 7788


Amount  
\$5000


\$2000 \$50000

[TRANSFER](#)

## 738. Billing Statement

Amount  
**\$21,500,00**



 Your Card  
\*\*\*234 437 1278

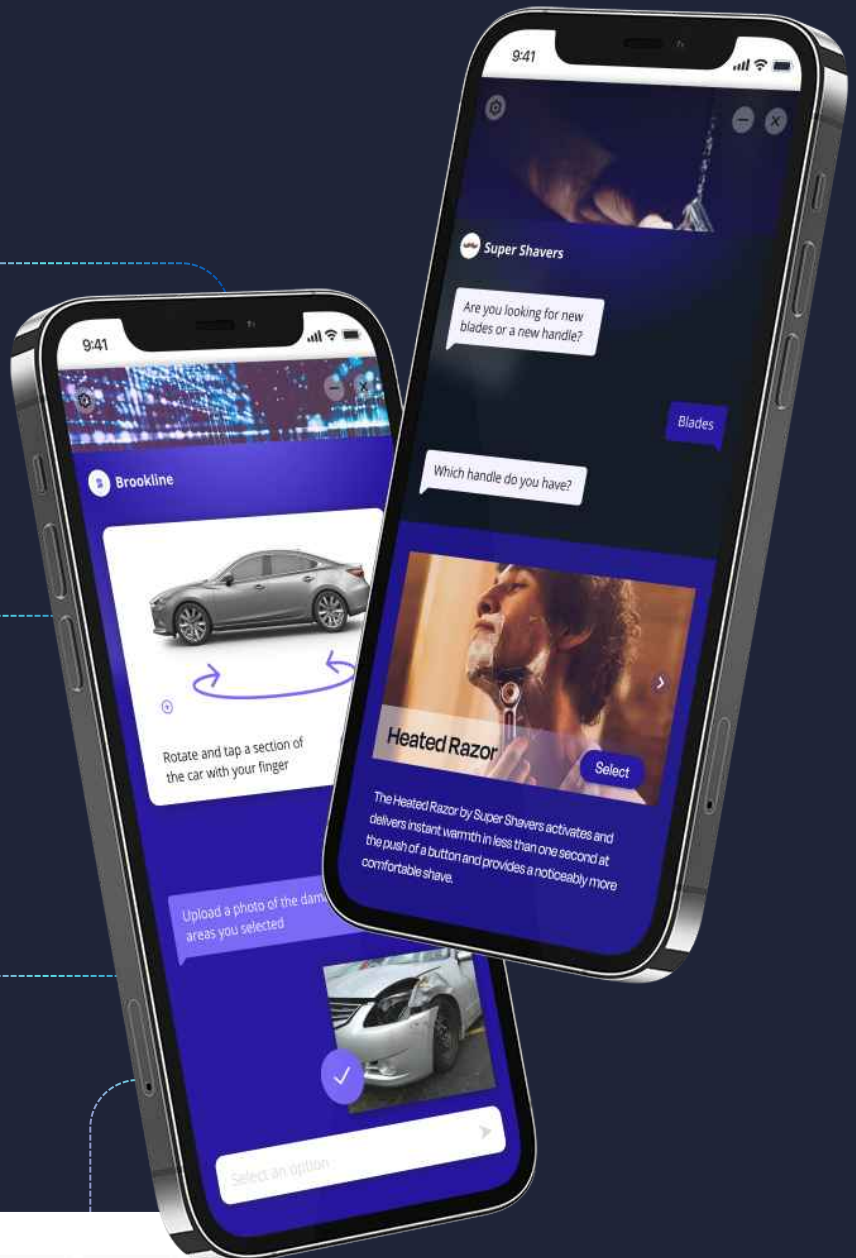
## 1217. Appointment Setting

← September 2024 →

Su	Mo	Tu	We	Th	Fr	Sa
		01	02	03	04	05
06	07	08	09	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

09:00 am 10:00 am  
01:00 pm 02:00 pm  
**04:00 pm** 05:00 pm

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# Why Pypestream?



## Transform CX with Virtual Assistants

- Offer 24/7 support with AI-powered Virtual Assistants that provide real-time solutions for billing, technical support, and service activations.
- Reduce reliance on costly call centers while delighting your customers.



## Streamline Operations Across All Departments

- Automate routine workflows in billing, service provisioning, and customer support, freeing your team to focus on strategic initiatives.
- Scale effortlessly to handle millions of interactions with peak efficiency.



## Proactively Optimize Network Performance

- Predict and resolve network issues before they escalate with AI-driven insights.
- Enhance uptime and customer loyalty with proactive problem-solving.



## Drive Revenue Growth and Customer Loyalty

- Use AI-powered solutions to create personalized, real-time customer experiences that build long-term loyalty.
- Automate customer upsell and cross-sell opportunities to drive increased revenue.

# The System of Agents:

## The Core of Pypestream Innovation

Pypestream's AIP is powered by over 3,000 Pypestream AI-powered microagents, each designed to perform a specific task autonomously. Together, these microagents form a scalable and modular System of Agents capable of solving limitless challenges across your business. Built on Five Pillars, Pypestream is the only platform you'll need to modernize operations and deliver exceptional results.

### The Five Pillars of Pypestream

#### **The Pype**

*Dynamic User Interface*

A seamless omnichannel interface connecting customers to Pypestream microagents across chat, mobile, voice, and web.

#### **MicroAgents**

*Task-Oriented AI Agents*

Autonomous units handling specialized tasks like billing inquiries, technical troubleshooting, and service requests.

#### **PypeX**

*Center of Excellence*

The Center of Excellence ensuring fast deployment, optimization, and continuous enhancement of your AI ecosystem.

#### **Analytics**

*Continuous Learning & Optimization*

Real-time insights to refine workflows, optimize performance, and drive decision-making.

#### **Customer 360**

*Omnichannel CX*

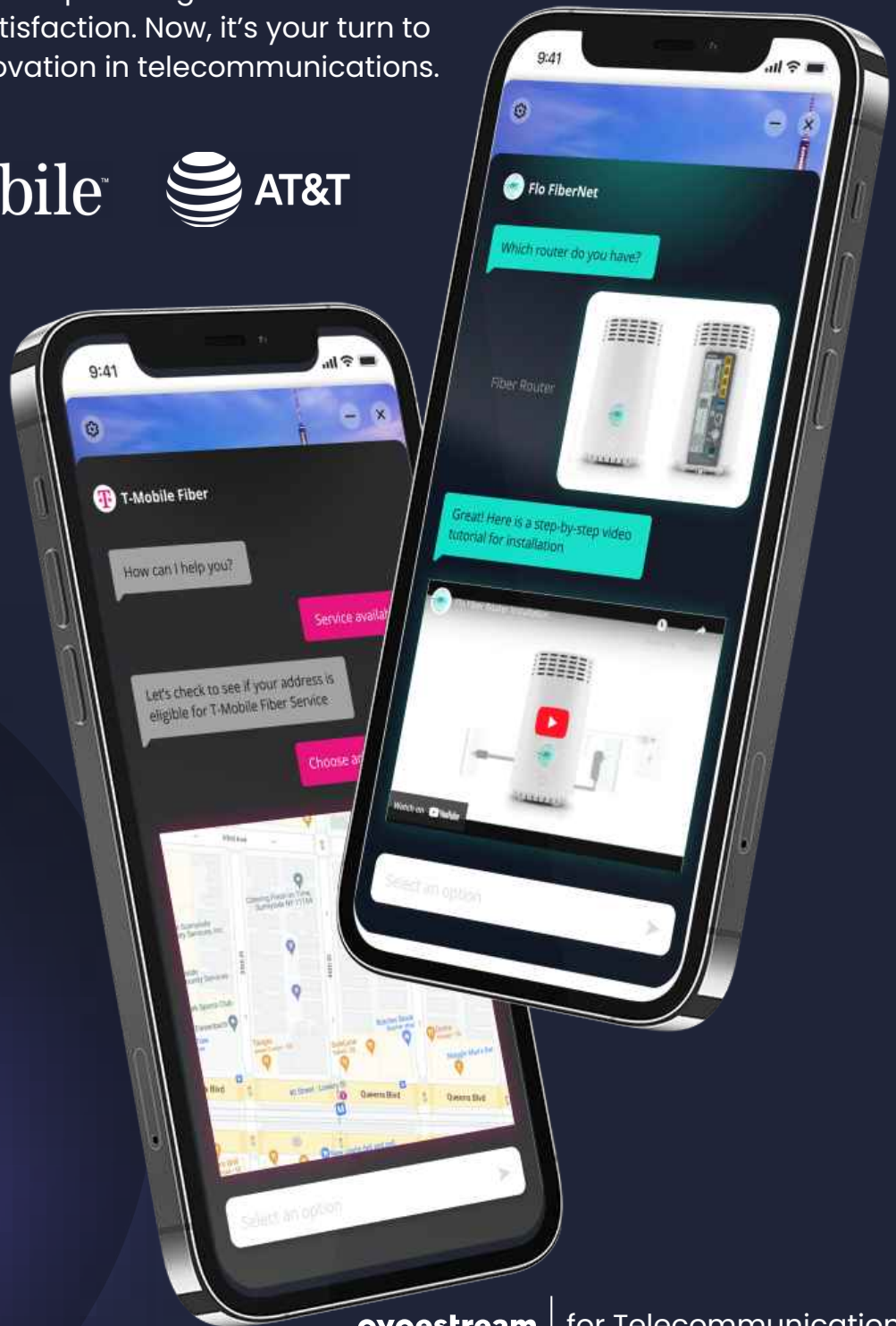
A unified view of customer interactions across all channels for consistent, personalized engagement, in 75+ languages, in any region.

**Pypestream OS**

# Trusted by Global Leaders in Telecommunications

Pypestream is already trusted by telecom giants like AT&T and DISH Networks, delivering millions of seamless interactions monthly while optimizing costs and increasing customer satisfaction. Now, it's your turn to lead the next era of innovation in telecommunications.

dish T-Mobile™



**pypestream** | for Telecommunications



# Strategic Benefits for C-Suite Leaders

## CEOs:

### Meet Stakeholder Objectives and Stay Ahead of the Game

Deliver on business plans with a focus on business continuity and resilience.

Meet stakeholder expectations by staying ahead of industry trends and outperforming competitors.

## CTOs & CIOs:

### Deploy Scalable, Future-Proof Technology

Seamlessly integrate your existing tech stack, including Salesforce, Oracle, Cisco, and more.

Achieve rapid deployment and measurable ROI in weeks, not months.

## CFOs:

### Reduce Costs Without Compromising Quality

Save millions annually by automating high-volume workflows like billing inquiries and technical support.

Benefit from usage-based pricing that aligns with your financial goals.

## CMOs:

### Create Unparalleled Customer Loyalty

Build stronger relationships with AI-powered Virtual Assistants offering fast, personalized support.

Enhance customer satisfaction scores while reducing churn.

## DIGITAL LEADERS

### Accelerate Digital Transformation

Leverage AI-powered solutions to modernize customer engagement and streamline digital workflows.

Create personalized, frictionless customer experiences across all digital touchpoints.

# Impact You Can Measure

**25%** ↑ in CSAT scores  
with always-on  
Virtual Assistants.

**80%** ↓ in investment in call  
centers, mobile apps  
& websites.

**15%** ↑ in revenue through  
automated upselling  
and cross-selling.

**60%** ↓ cost reduction in  
customer support  
operations.

**20%** ↓ in downtime  
through proactive  
network monitoring.

**40%** ↓ in call center volume  
by automating high-  
frequency inquiries.

# Five Transformative Use Cases for Telecom Leaders

USE CASE	CHALLENGE	SOLUTION	IMPACT
Virtual Assistants for Customer Support	Rising call center volumes and long wait times frustrate customers.	Pypestream AI-powered Virtual Assistants handle billing inquiries, service activations, and account updates in real time.	<b>40%</b> fewer calls to support centers, 20% faster resolution times.
Proactive Network Monitoring	Unexpected network downtimes erode customer trust and loyalty.	Pypestream AI-powered microagents predict issues, monitor network performance, and alert teams proactively.	<b>15%</b> increase in uptime, 20% reduction in downtime.
Digitizing Field Operations for Technicians	Field operations are often disconnected from centralized systems, leading to delays and inefficiencies.	Use Pypestream to digitize field operations, streamlining workflows, and enabling technicians to access real-time updates, troubleshoot issues, and optimize service delivery.	<b>30%</b> faster service delivery, 25% reduction in field opex.
Billing & Account Management Automation	Manual billing processes are slow and prone to errors.	Pypestream AI-powered microagents streamline billing inquiries, payments, and account updates with AI automation.	<b>25%</b> faster billing cycles, 20% fewer billing complaints.
Technical Support Microagents	Device and connectivity issues overwhelm technical support teams.	Pypestream AI-powered microagents autonomously troubleshoot connectivity issues, reducing escalations to human agents.	<b>30%</b> faster resolutions, 25% fewer escalations.



# Why Now?

The telecom industry is evolving rapidly, and Now is the time to lead the transformation.

With Pypestream, you'll achieve:

- **Unmatched Scalability:** Handle millions of interactions without adding resources.
- **Future-Proof Integration:** Connect seamlessly with your current systems.
- **Actionable Insights:** Use analytics to make data-driven decisions that elevate performance.
- **Rapid ROI:** Experience measurable returns within weeks of deployment.

## Take the First Step Today

**Pypestream** is more than a platform—it's your partner in innovation. Join the ranks of AT&T, DISH Networks, and other leaders who trust us to deliver exceptional results. Let us show you how we can revolutionize your operations and position you as a pioneer in telecommunications.

Learn more at [Pypestream.com/telecom](https://Pypestream.com/telecom)

