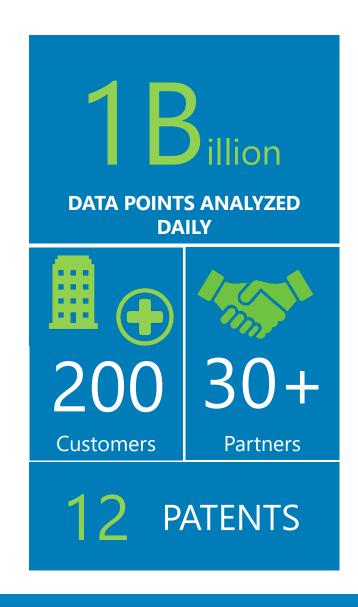


# The Future of Work From Home & How to Support the Remote Digital Experience

### ABOUT 7SIGNAL







POLL #1

### Unplanned Downtime, User Productivity Impact

Organizations are seeing reduced downtime related to their network which helps their users retain access to critical applications and workloads

	Before 7SIGNAL Mobile Eye	With 7SIGNAL Mobile Eye	Difference	% Benefit
Number of outages per year	7.7	6.0	1.7	22%
MTTR (hours)	6.8	5.0	1.4	38%
FTEs, lost productive time per organization per year	7.8	4.5	3.3	43%
Hours per user of lost productive time per year	24.4	14.0	10.4	43%
Value of lost productive time per organization per year (based on FTEs)	\$548.0K	\$315.0K	\$233.0K	43%



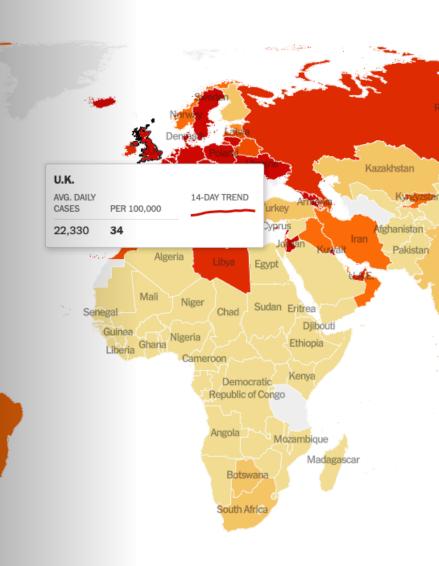
Average daily cases per 100,000 people in past week

2 6 10 14 Few or no cases

Double-click to zoom into the map.

LOCKDOWNS ARE
LEADING TO FRUSTRATED
USERS AND REVENUE
LOSSES

BUDGETS ARE CHANGING



#### WFH WORKFORCE BUDGETS CONTINUE TO RISE



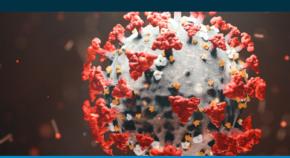
REMOTE WORKFORCE SPENDING

### BUSINESS AS USUAL



Budget from C-Level was only attributed within the enterprise ecosystem. All business

### NEW CHALLENGES



Companies are forced to learn how to operate remotely. They begin to support some WFH costs for the near-term (desks, chairs, etc.).

### NEW OPPORTUNITIES



Companies work to support a higher capacity of employees working remotely. Efficiencies are identified and re-allocated toward the WFH workforce.

#### Q4 2020 A NEW REALITY



Executives are fully supportive of the WFF workfroce and begin. Employee business are fully covered by the Enterprise.

# Q1 2021 & BEYOND HERE FOR GOOD

## 100+ companies have codified significant work-from-home policies — with some extending into 2021 or indefinitely

Lifeshack.io, June 2020







**FACEBOOK** 

Gartner.

The New Hork Times











Twitter's leadership announced that anyone who wants to telecommute can now do so, forever.

The New York Times, June 2020



Nationwide Insurance sent nearly its entire staff home in mid-March and found the move so productive that it is closing six offices; 32 percent of its personnel will work remotely.

The New York Times, June 2020



Mark Zuckerberg has said he expects 50 percent of his work force to be doing their jobs remotely in as little as five years.

The New York Times, June 2020

# WORK-FROM-HOME IS HERE TO STAY

A way of life during the pandemic, a lasting effect on the way we work

**42%** 

of U.S. labor force is now working from home full-time

Stanford University, June 2020

72%

of office workers want to work from home at least two days per week

PwC, June 2020

100+

companies have codified significant work-from-home policies as a result of COVID — with some extending into 2021 or indefinitely

Lifeshack.io, June 2020



Twitter's leadership announced that anyone who wants to telecommute can now do so, forever.

The New York Times, June 2020



Mark Zuckerberg has said he expects 50 percent of his work force to be doing their jobs remotely in as little as five years.

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Nationwide Insurance sent nearly its entire staff home in mid-March and found the move so productive that it is closing six offices; 32 percent of its personnel will work remotely.

The New York Times, June 2020







**FACEBOOK** 

Gartner

The New York Times





**VIACOMCBS** 



### REMOTE WORKERS NEED TECH AND SYSTEMS TO HELP STAY CONNECTED

**76%** 

of remote workers use video conferencing as part of their daily work

Metova, July 2020

**68%** 

of remote workers have other remote workers in the same household

Metova, July 2020



## REMOTE LEARNING REQUIRES CONNECTION

Challenges exist for Higher Education and K-12 as a result of COVID-19

42%

of U.S. colleges and universities will be conducting fall 2020 courses primarily or fully online

The Chronicle of Higher Education, August 2020

**14%** 

will be conducting fall 2020 courses in a hybrid online/ in-person format

The Chronicle of Higher Education, August 2020

710/0

of parents are concerned that their children are falling behind school because of the pandemic



87% of learners agree that colleges and universities need to adapt faster to the needs of today's students

Globally, more than 3 in 4 people believe that education will fundamentally change as a result of the pandemic. Online learning will be a key part of experiences for learners of all ages, and economic uncertainty will drive more people to upskill and reskill for job security

Pearson Global Learner's Survey, August 2020





### **1 IN 4 AMERICAN TEENS HAVE BROADBAND CONNECTIONS** THAT ARE UNRELIABLE

4-H & Microsoft Digital Impact Survey, March 2020

### **NEARLY HALF OF TEENS REPORT** STRUGGLING TO COMPLETE HOMEWORK **DUE TO SLOW INTERNET CONNECTIONS**

4-H & Microsoft Digital Impact Survey, March 2020

### **7SIGNAL ALLOWS EDUCATORS AND STUDENTS TO** STAY CONNECTED AND CONTINUE LEARNING

LEARN MORE AT 7SIGNAL.COM

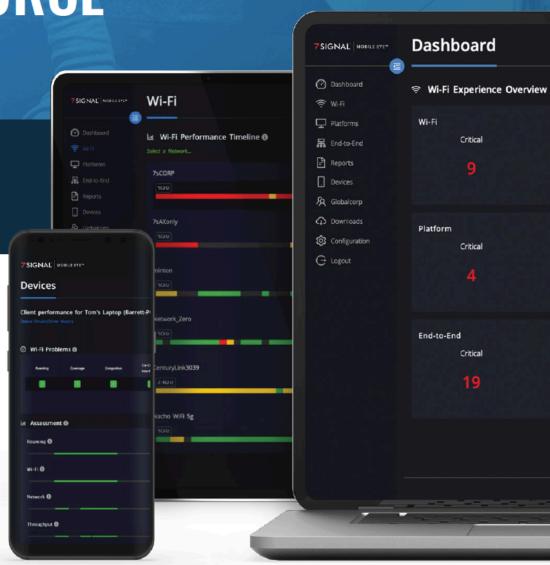


# SOLVING CONNECTIVITY ISSUES FOR YOUR REMOTE WORKFORCE

7 SIGNAL MOBILE EYE

When employees and teams work remotely, your networking infrastructure and performance tools cannot help you address their connectivity issues.

All the disparate Wi-Fi networks and devices can result in remote application crashes, skyrocketing help desk requests, team member frustration and plummeting productivity.



## EXECUTIVE SUMMARY BUSINESS VALUE OF 7SIGNAL MOBILE EYE



TOPLINE METRICS				
<b>670%</b> 3-year ROI	<b>32%</b> More efficient networking teams	<b>3 months</b> To payback		
NETWORK-RELATED EFFICIENCIES				
<b>33%</b> More efficient network troubleshooting teams	<b>59%</b> Reduced time to troubleshoot network issues	<b>36%</b> More efficient network management teams		
BUSINESS AND OPERATIONS BENEFITS				
<b>43%</b> Reduction in network-related unplanned downtime	<b>22%</b> Faster ability to receive new location/end users reports	<b>3,000+</b> End user productivity hours gained back per year		

# A GUIDE FOR SUPPORTING THE DIGITAL EXPERIENCE OF YOUR "WORK FROM HOME" USERS.



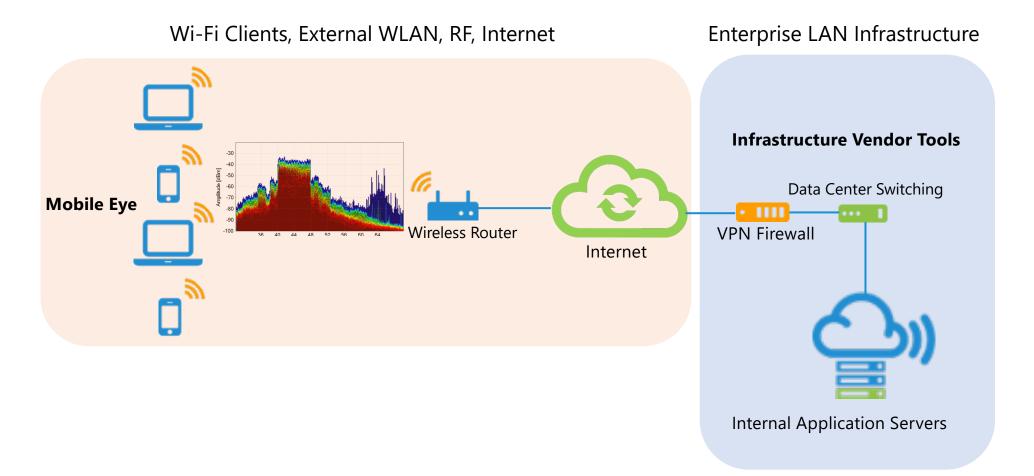


### MOBILE EYE FOR REMOTE EMPLOYEES



POLL #2

### EXTERNAL NETWORK VISIBILITY



### TOP HOME WI-FI PROBLEMS OUR CUSTOMERS ARE FIXING

### THE END USER

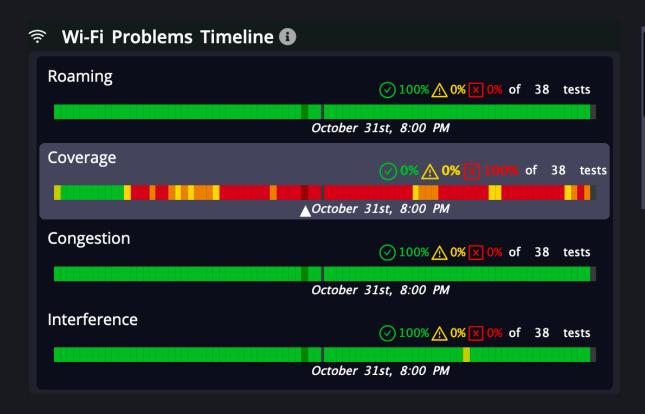
- 1. "My Wi-Fi is slow"
- 2. "I can't connect"
- 3. "My call audio is choppy"
- 4. "I keep getting dropped while on Zoom."
- 5. "I have to turn off the video on Teams"

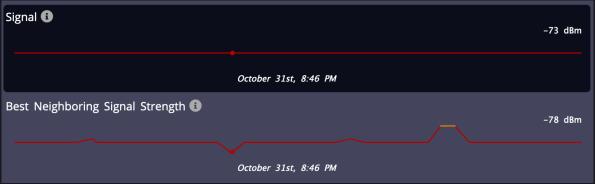


### MOBILE EYE PROBLEM IDENTIFICATION

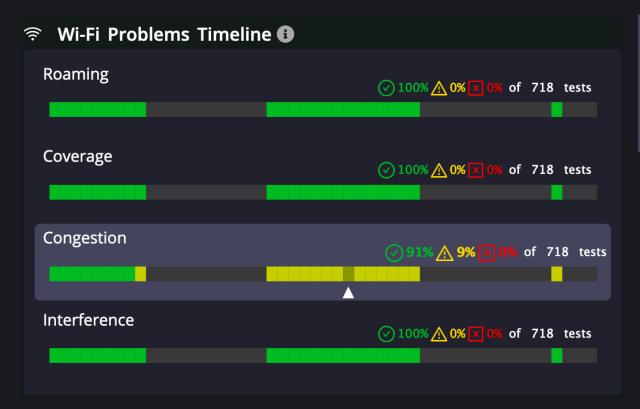
- 1. Coverage
- 2. Interference
- 3. Congestion
- 4. Roaming
- 5. Internet Speed

### COVERAGE



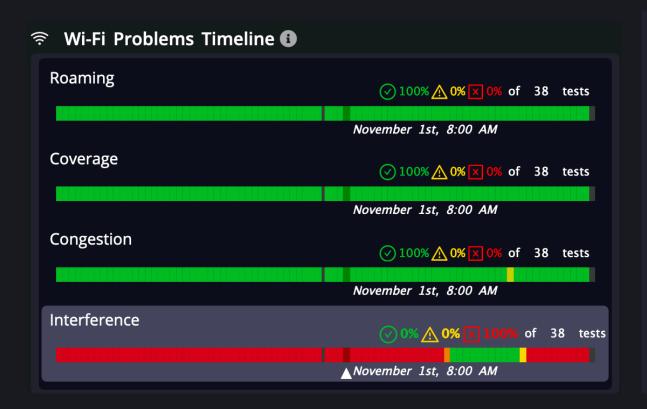


### CONGESTION





### INTERFERENCE

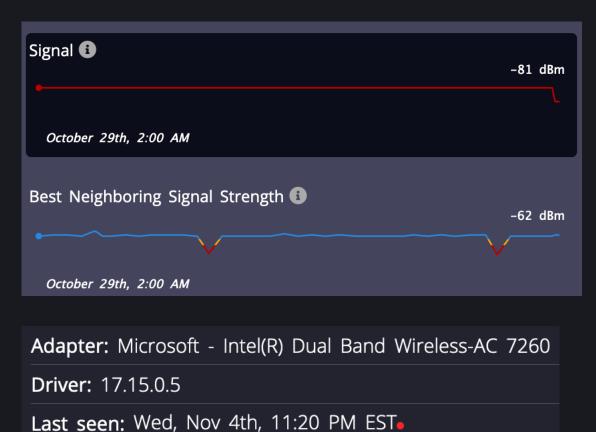




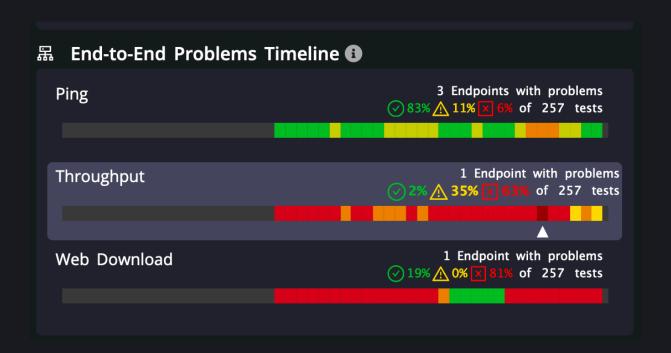


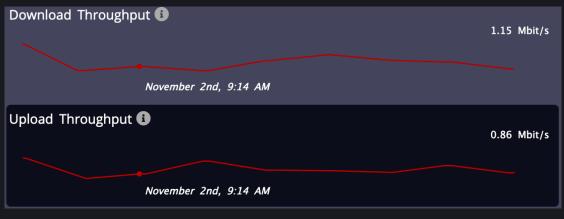
### ROAMING





### INTERNET SPEED

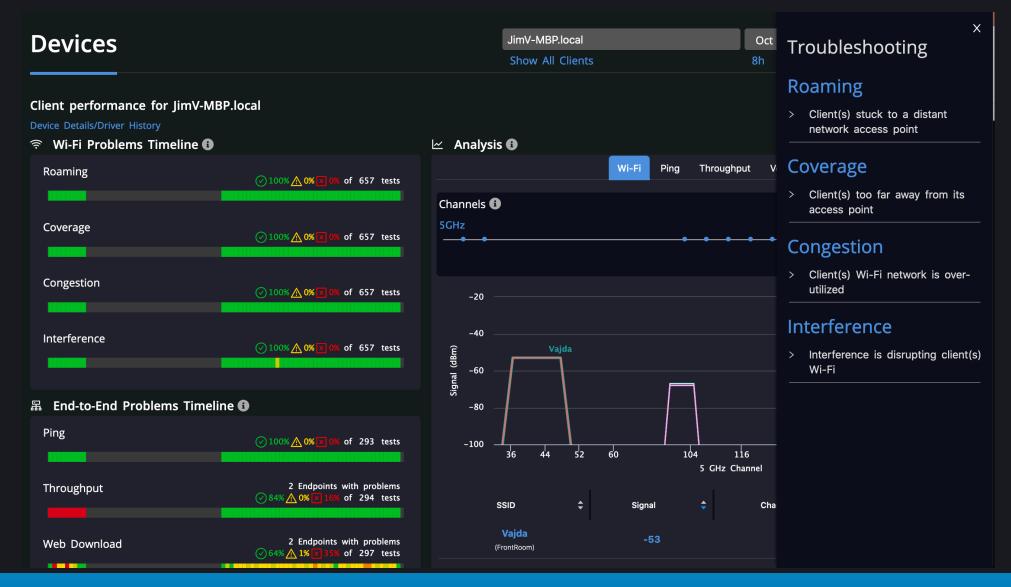




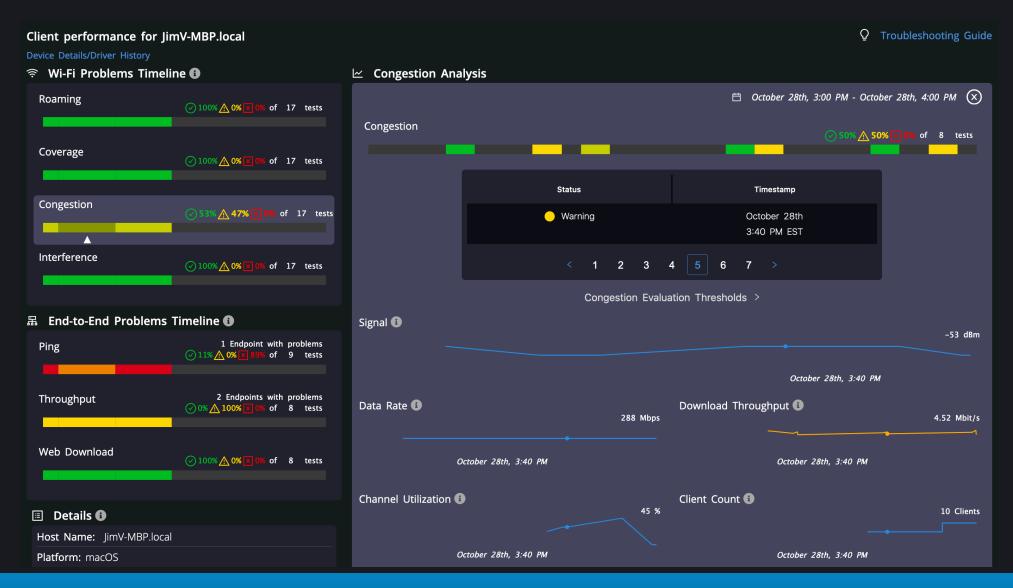


What's New

### NEW HELP DESK TROUBLESHOOTING GUIDE



### NEW PROBLEM DRILLDOWN



### NEW LINUX SUPPORT

🗉 Details 🚯

**Host Name:** joe-ubuntu-test

Platform: linux

**Address:** 48:51:b7:18:ed:77 (192.168.1.143)

External IP Address: 173.90.200.159 Provider/Whois

Make: Dell Inc.

Model: 01

**OS:** linux (Ubuntu 20.04.1 LTS/5.4.0-48-generic)

**Agent Version:** v1.7.0

**Adapter:** Linux

Driver: iwlwifi

Last seen: Fri, Oct 9th, 1:08 PM EDT

- Thin Clients
  - HP ThinPro OS
  - IGEL OS
- Linux
  - Ubuntu
  - Debian
  - Red Hat



"THE POST-PANDEMIC WORKFORCE WILL REMAIN MORE DISTRIBUTED AND REMOTE, LIMITING I&O LEADERS' VISIBILITY INTO ENDPOINT, CONNECTIVITY AND APPLICATION PERFORMANCE FROM EVERYWHERE"

#### -2020 MARKET GUIDE FOR DIGITAL EXPERIENCE MONITORING

- Gain business-level context by using DEM technologies to monitor the performance of applications from the end user perspective
- Monitor and improve end user experience proactively by enabling DEM to track the most critical transactions and customer journeys
- Understand how DEM technologies complement and intersect with application performance monitoring (APM) and network performance monitoring and diagnostics (NPMD)

GO.7SIGNAL.COM/DESIGNDAY



POLL #3



QUESTIONS?