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## Kymeta: A Year in Review

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The past 12 months have brought significant communication changes to many industries—maritime, connected car, agriculture, rail, bus, and more—as the demand for seamless, always-on connectivity has exploded.

The past 12 months have been an exciting time for Kymeta. The company is delivering the only commercially-available, flat-panel, electronically-steered satellite terminal.

Soon after the launch of its first product, Kymeta also launched a global internet services offering called KALO™. It is another industry-first that makes buying satellite capacity easy and familiar because it is sold in by-the-gigabyte monthly packages, much like cellular plans are sold. Kymeta's aspiration? To create a world where seamless, always-on communication is the norm. It's been an exciting 12 months of endless innovation and progress.

**March 2017: Commercial Launch** – March 2017 saw the limited commercial launch of the Kymeta mTenna<sup>u7</sup> antenna subsystem module (ASM) and KyWay™ terminal, the first in a series of innovative satellite communications solutions that connect to Ku-band satellite networks.

**Spring/Summer 2017: Connecting the World's Oceans**—Unbeknownst to the satellite community, Kymeta quietly installed their KyWay terminals aboard the iconic superyachts Maltese Falcon and White Rose of Drachs, in Spring 2017. Over the course of the summer of 2017, the White Rose of Drachs completed the first-ever motor yacht sea trials of Kymeta's KyWay terminals throughout the Mediterranean. At the same time, the Maltese Falcon was completing a journey of her own being the first-ever sailing yacht to use KyWay terminals in the Caribbean, Mediterranean, and throughout a transatlantic crossing. During the trials, Kymeta proved that continuous connectivity on the ocean is possible.

**August 2017: FCC and OfCom Approvals**—In August 2017, Kymeta announced the receipt of blanket authorization from the FCC for commercial distribution of the firm's KyWay terminals in the United States. This was the first-ever blanket license issued by the FCC for an electronically-steered, beam-forming, flat-panel satellite terminal. Also in August 2017, Kymeta received an indefinite term, unlimited installation commercial license from the UK regulatory agency, OfCom. This gave Kymeta authority to both distribute and install their antennas and terminals in the UK. These authorizations represent a major milestone for global, mobile communications.

**August 2017: Support for First Responders**—Kymeta put their connected car on the road in August 2017 to support first responders in Greenville, South Carolina. The total solar eclipse event was expected to strain the city's limited mobile bandwidth. In fact, the city and surrounding areas would potentially see the population grow by up to seven times overnight. Kymeta's secondary support to traditional networks ensured first responders would remain connected in the event networks became congested.

**September 2017: NASA SBIR Grants**— In 2017, Kymeta was awarded two NASA Small Business Innovation Research (SBIR) grants to develop very small, space-based, low size, weight and power (SWaP) flat panel Ka-band terminals for CubeSats and other low earth orbit (LEO) satellites.

**October 2017: KyTrek Across Japan**—October 2017 presented Kymeta, and partner SkyPerfect JSAT, with the opportunity to conduct KyTrek 3: KyTrek Across Japan, to perform a rigorous test of Kymeta's antenna in a connected Toyota Land Cruiser like vehicles used by first responders across the island nation. During the trek, Kymeta's mTenna<sup>u7</sup> ASM demonstrated continuous on-the-move connectivity.

**October - December 2017: Support for Port Maria Puerto Rico** In the

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**October - December 2017: Support for Post-Maria Puerto Rico**—In the aftermath of Hurricane Maria, residents of Puerto Rico were left for weeks without a connection to the outside world. With help from partners Intelsat, Liberty Puerto Rico, and Erwin Hymer, Kymeta set out to provide connectivity to 33 communities on a tour of the island. During the relief program, the partners provided 22,266 internet sessions and 813.44 GB of data usage, allowing residents to use pop-up ATMs, fill prescriptions, file 2,504 FEMA applications, and contact loved ones.

**November 2017: KĀLO Trek Across America**—In November 2017, alongside the launch of Kymeta's KĀLO internet access services, Kymeta set out to put their connected car and the internet service through the paces. More than double the length of a record-breaking KyTrek completed in 2016, Kymeta's 7,000-mile winding journey from Washington, D.C. to Redmond, Washington proved Kymeta can provide an end-to-end solution for mobile connectivity.

**February 2018: A Vision for Seamless, Always-On Communications**—At Mobile World Congress 2018, amongst the chatter about 5G, Kymeta shared their vision and capability to work with mobile network providers to create a seamless, always-on communications experience designed to fill the gaps in coverage between cities while also providing business continuity and cellular backhaul. Bringing cellular networks and satellite networks together, including the upcoming LEO satellites, takes the auto industry, IoT use cases, and the world closer to global, mobile connectivity.

**March 2018: KyWay™ Go**—At Satellite 2018, Kymeta announced limited availability of its rugged, portable, mobile KyWay™ Go SATCOM terminal. Yet another first, the rapid-deployment terminal currently comes in two cases, and goes from opening the boxes to transmitting in less than four minutes.

Kymeta continues to deploy across a broad set of industries and geographies and will continue to increase access worldwide throughout 2018. Whether the mode of transportation is by land or by sea, Kymeta is putting seamless, always-on communications on-the-move.

# 12 MONTHS OF INNOVATION

In the last year, the demand for seamless connectivity has skyrocketed across many industries.

Kymeta has continued to deliver the only commercially available, flat-panel, electronically-steered satellite terminal. It's been an exciting 12 months, and Kymeta will increase access for industries worldwide throughout 2018 and beyond.

**MARCH 2017**

## LIMITED COMMERCIAL LAUNCH

The limited commercial launch of the Kymeta™ mTenna<sup>®7</sup> antenna subsystem module (ASM) and KyWay™ terminal was the first in a series of innovative satellite communications solutions.



**SPRING/SUMMER 2017**

CONNECTING THE

# CONNECTING THE WORLD'S OCEANS

The White Rose of Drachs completed the first-ever motor yacht sea trials of Kymeta KyWay terminals on the Mediterranean. The Maltese Falcon was the first-ever sailing yacht to use KyWay terminals throughout a transatlantic crossing.

## AUGUST 2017 FCC AND OFCOM APPROVALS

Kymeta announced the FCC's authorization for commercial distribution of KyWay terminals in the United States. The company also received an unlimited commercial installation license from OfCom to distribute antennas and terminals in the UK.



## AUGUST 2017 SUPPORT FOR FIRST RESPONDERS

During the total solar eclipse, Greenville, South Carolina experienced dramatic population increases and network congestion. The Kymeta connected car allowed emergency responders to stay online during these extreme conditions.



## SEPTEMBER 2017 NASA SBIR GRANTS

Kymeta was awarded two NASA Small Business Innovation Research grants to develop space-based, low size, weight and power (SWaP) flat panel Ka-band terminals for CubeSats and other low earth orbit (LEO) satellites.



## OCTOBER 2017 KYTREK ACROSS JAPAN

The Kymeta mTenna<sup>47</sup> ASM demonstrated continuous, on-the-move connectivity during the KyTrek Across Japan, with partner SkyPerfect JSAT.



## OCTOBER-DECEMBER 2017 SUPPORT FOR POST- MARIA PUERTO RICO

By supplying connectivity to 33 communities in Puerto Rico, Kymeta and partners provided 22,266 internet sessions, allowing residents to use pop-up ATMs, fill prescriptions, file 2,504 FEMA applications, and contact loved ones.



## NOVEMBER 2017 KĀLO™ TREK ACROSS AMERICA

The 7,000-mile connected-car journey from Washington, D.C. to Redmond, Washington proved Kymeta can provide an end-to-end solution for mobile connectivity.



FEBRUARY 2018

# A VISION FOR SEAMLESS, ALWAYS-ON COMMUNICATIONS

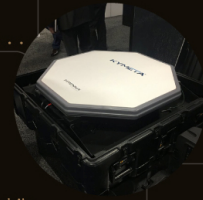
At Mobile World Congress, Kymeta shared their vision and capability to work with mobile network providers to create a seamless, always-on communications experience—with the ultimate goal of global, mobile connectivity.



MARCH 2018

# KYWAY™ GO

At Satellite 2018, Kymeta announced limited availability of its rugged, portable, mobile KyWay Go SATCOM terminal. Yet another first, the rapid-deployment terminal can start transmitting less than four minutes after the boxes are opened.



# KYMETA™

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