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EarthNow to deliver real-time video via large satellite constellation

Company spins out of Intellectual Ventures' ISF Incubator to commercialize satellite imaging system

BELLEVUE, Wash – April 18, 2018 – EarthNow LLC announces intent to deploy a large constellation of advanced imaging satellites that will deliver real-time, continuous video of almost anywhere on Earth. The latest company to spin-out from Intellectual Ventures, EarthNow recently closed a first round of financing with investments from Airbus, the SoftBank Group, Bill Gates, and Greg Wyler. The initial funding focuses primarily on maturing the overall system design to deliver innovative and unique real-time Earth observation services.

According to EarthNow's founder and CEO, Russell Hannigan, "EarthNow is ambitious and unprecedented, but our objective is simple; we want to connect you visually with Earth in real-time. We believe the ability to see and understand the Earth live and unfiltered will help all of us better appreciate and ultimately care for our one and only home."

EarthNow represents a dramatic leap forward in capability compared to other Earth observation satellite systems which deliver pictures and sometimes video clips to users many minutes, hours and even days after they are requested. Hannigan says, "With existing systems, users can see only what has happened in the past. With EarthNow's constellation of satellites, you will see events unfold as they happen in real-time."

EarthNow takes advantage of an upgraded version of the satellite platform, or "bus," developed originally for the OneWeb communications service. Each satellite is equipped with an unprecedented amount of onboard processing power, including more CPU cores than all other commercial satellites combined. According to Greg Wyler, Founder and Executive Chairman of OneWeb, "We created the World's first low-cost, high-performance satellites for mass-production to bridge the digital divide. These very same satellite features will enable EarthNow to help humanity understand and manage its impact on Earth."

Airbus plans to mass-produce the satellites using their advanced production lines in Toulouse and Florida. "Airbus has a unique heritage in design, manufacture and operation of Earth Observation satellite systems and would certainly be a valuable partner in this program," said Nicolas Chamussy, Head of Space Systems at Airbus.

Initially, EarthNow will offer commercial video and intelligent vision services to a range of government and enterprise customers. Applications include catching illegal fishing in the act, watching hurricanes and typhoons as they evolve, detecting forest fires the moment they start, watching volcanoes the instant they start to erupt, assisting the media in telling stories from around the world, tracking large whales as they migrate, helping "smart cities" become more efficient, providing on-demand data about crop health, and observing conflict zones around the world. In parallel, EarthNow plans to create compelling "live Earth



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video” mass market applications that can be accessed instantly from a smartphone or tablet. “We are excited by the prospect of giving everyone a stunningly-beautiful real-time window on your world from space. With EarthNow, we will all become virtual astronauts,” said Hannigan.

For additional information please visit: www.earthnow.com

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About EarthNow

Founded in 2017, EarthNow LLC plans to deploy a large constellation of advanced imaging satellites that will deliver real-time, continuous video and intelligent vision of almost anywhere on Earth. A spin-out from Intellectual Ventures, the company’s investors are Airbus, the SoftBank Group, Bill Gates and Greg Wyler. EarthNow aims to connect everyone visually with the Earth in real-time.

About Intellectual Ventures

Intellectual Ventures is a global invention and investment business that creates, incubates and commercializes impactful inventions. Led by avid inventor and technology leader Nathan Myhrvold, IV has created more than a dozen companies with the power to transform industries. At the edge of technological advances to serve both the developed and developing world, IV works with many of the world’s top inventors to push innovation forward.