

# IDT Wirelessly Powers SITAEL's E-bike Smartphone Dock to a CES 2018 Innovation Award

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## SITAEL's wirelessly powered MAT (Magnetic Assisted Tap) transforms e-bikes into fully connected vehicles

SAN JOSE, Calif., Feb. 28, 2018 /PRNewswire/ -- Integrated Device Technology, Inc. (IDT®) (NASDAQ: IDTI) announced today that its latest wireless charging chipset is used in SITAEL's MAT (Magnetic Assisted Tap), a novel smartphone docking station that turns e-bikes into fully connected vehicles and which was recently named a CES 2018 Innovation Award Honoree in the Vehicle Intelligence and Self-Driving Technology category.

IDT Logo (PRNewsFoto/Integrated Device Technology, I)

MAT provides e-bikes with unique connected vehicle features when used with a smartphone, thanks to SITAEL's dedicated app for both Android and iOS devices. These features include a dashboard display that shows speed, distances, etc.; a navigator, real-time vehicle control and monitoring, a GPS/GPRS-based anti-theft system and smartphone wireless charging, an important feature of MAT.

"We congratulate SITAEL on the ability of its award-winning MAT technology to turn e-bikes into intelligent, connected vehicles packed with compelling capabilities and features," said Laurence McGarry, Marketing Director of IDT's Wireless Power Division. "SITAEL's decision to use our latest, high efficiency wireless power chipset in MAT is a tremendous recognition of its excellent performance. The increased demand for connected devices capable of operating in tough environmental conditions is driving the requirement for wireless power in these devices to ensure water resistance and robustness."

"SITAEL's MAT technology defines a revolution in cycling based on a single gesture – the e-bike comes to life by placing the smartphone on the MAT surface," said Matteo Pertosa, Head of Industrial and IoT division. "We selected IDT's wireless power chipset for MAT as wireless power is key to enabling easy placement of the smartphone – no wire connections – and enhances water resistance, essential in any outdoor environment."

Thanks to its proprietary magnetic technology and wireless power interface, MAT enables connectivity, control and security of the e-bike. IP-65 water resistant, MAT has been tested to both extreme temperatures (-20C to 85C) and vertical shocks of up to 70g-force (gravitational acceleration) with a certified shaker instrument, which confirmed its suitability to most extreme off-road rides. Discover more about MAT at [www.esb.bike/mat](http://www.esb.bike/mat).

IDT's portfolio of [quick prototyping reference design kits](#), ranging from 1W to 15W, provide a fast time-to-market solution with all the associated support collateral available online. To learn more about IDT's wireless power technology visit [idt.com/wirelesspower](http://idt.com/wirelesspower).

### About IDT

Integrated Device Technology, Inc. develops system-level solutions that optimize its customers' applications. IDT's market-leading products in RF, high-performance timing, memory interface, real-time interconnect, optical interconnect, wireless power, and smart sensors are among the company's broad array of complete mixed-signal solutions for the communications, computing, consumer, automotive and industrial segments. Headquartered in San Jose, Calif., IDT has design, manufacturing, sales facilities and distribution partners throughout the world. IDT stock is traded on the NASDAQ Global Select Stock Market® under the symbol "IDTI." Additional information about IDT can be found at [www.IDT.com](http://www.IDT.com). Follow IDT on [Facebook](#), [LinkedIn](#), [Twitter](#), and [YouTube](#).

### About SITAEL S.p.A.

MAT is a product and registered trademark of SITAEL S.p.A, the largest Italian privately owned company operating in the space industry and belonging to Angel holding, a worldwide leading Transportation and Aerospace Group with more than 1000 qualified employees. With state-of-the-art facilities, SITAEL manages all stages of production, offering highly safe and reliable turnkey solutions for Industrial, Railways and Space Markets as demonstrated by the press notoriety over the involvement in the Curiosity Rover mission on Mars by NASA (National Aeronautics and Space Administration). Thanks to an obsessive attention to details paid to processes and systems design in every industrial stage by an exceptionally qualified staff, SITAEL has been successful in meeting its customers' needs. Regardless of the market they are involved in, SITAEL assures high performances and reliability in its products and solutions. Additional information about SITAEL can be found at [www.sitael.com](http://www.sitael.com).

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