

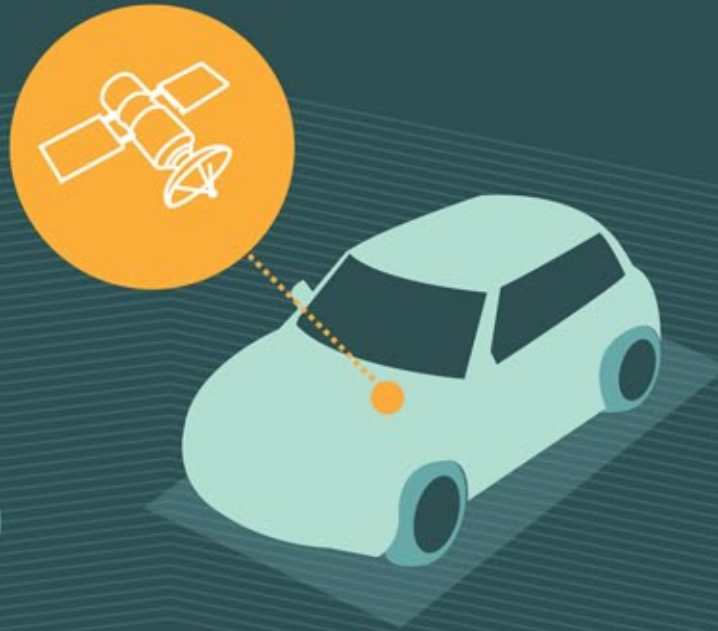
THINKING CONNECTEDNESS ACROSS PRODUCT ECOSYSTEMS

The network of products and technologies are evolving rapidly. They are driving digitization, automation, and collaboration. Businesses need to lead the coming change, driven by product connectedness in ecosystems..



3D PRINTING

An automobile technician attends to a customer's car and finds that the gear knob has broken. There is no original replacement available in stock. The technician downloads a .sdl CAD file consisting of the code to 3D print the knob. A plastic knob of a perfect fit is printed in a few minutes and mounted effortlessly.



TELEMATICS

The car is installed with a telematics device. The device constantly measures time, speed, cornering and swerving in relation to the road. Based on the data collected, a Variable Insurance report is generated & appropriate recommendations made.



GEO-FENCING

A potential customer walks past a store. Using geo-fencing technologies, a discount coupon is inserted into the person's smart-phone. On seeing the alert, the customer decides to make a purchase. More specific customization awaits the shopper inside the store.

TELEMATICS



OF NORTH AMERICAN PROPERTY AND CASUALTY INSURERS ARE ENGAGED IN SOME STAGE OF USAGE-BASED INSURANCE, WHETHER THEY ARE OPERATING ACTIVE PROGRAMS, CONDUCTING PILOTS, OR BUILDING STRATEGIES.



08 OF THE TOP 10 US COMPANIES NOW HAVE UBI PROGRAMS OR PILOTS UNDERWAY. THE MOST FREQUENTLY USED VARIABLES IN UBI PROGRAMS ARE MILEAGE, TIME OF DAY, SPEED, AND HARD BRAKING.

CONNECTED PRODUCT ECOSYSTEMS



\$1.2 TRILLION
GLOBAL CONNECTED DEVICE REVENUE IS \$200 BILLION NOW AND COULD GROW TO \$1.2 TRILLION IN 2020

RETAIL PRODUCT ECOSYSTEM



178.1%

BRIGHTSIGN DIGITAL SIGNAGE INCREASES HARDWARE RETAIL SALES UP TO 178.1 PERCENT



73%

EXPECT TO BEGIN MAKING MORE MOBILE TRANSACTIONS IN THE NEAR FUTURE

3D PRINTING

USES OF 3D PRINTING



40% OF 3D PRINTING USAGE IS FOR PRODUCTION