



The INTERNET of THINGS

A Day in the Life of a MINING ENGINEER



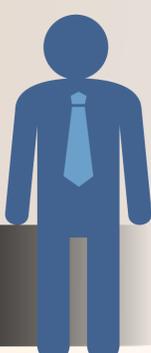
John works as an engineer for a mining company in Western Australia. John's office is in Perth, however, he is also required to visit the company's mining site that is 400km away. He lives in the suburbs of Perth with his wife and son.

Morning at home

7:00AM



John checks his emails over his morning coffee.



John's automated concierge service recommends he departs 30 minutes earlier to reach the office due to his scheduled morning meetings.



Due to planned roadworks on his normal route, an alternative route is recommended.



John's utility provider notifies him of his monthly bill and recommends ways to reduce his bill based on the data captured by their SmartMeter solution.



His auto insurance provider notifies him that this monthly premium will be reduced due to the "safe driving" statistics captured by his car's on-board computer.

Commute to office

8:00AM



The car's on-board computer sends a notification from his car dealer that it is time for the car's annual maintenance review.



The dealership sends a list of available appointment dates.



John selects an appointment date and an invite is automatically sent to his email.

John's car navigation system is aware of the planned roadworks and takes him on an alternative route.



Office

9:00AM

John attends an operations meeting at his company's new "command and control" center.



All current operational statistics for the company's mining site are presented on the interactive touch-screen monitors.



A team of virtual drivers demonstrate how they operate industrial equipment at the mining site, including self-driving vehicles and automated trains.



A new video surveillance solution is leveraged to provide real-time security at the company's mining site.



The equipment prognostics and automation solution identifies low tire pressure on vehicles and automatically re-inflates them to the proper levels.

Travel to mining site

11:30AM



Based on the current fuel levels in the car, the on-board computer provides recommended petrol station options with price per liter and nearby food outlets.



John's son calls to tell him he is locked out of the house. John accesses the SmartHome app on his smartphone to remotely unlock the front door for him.



John's SmartWatch notifies him he has been sitting in one position for too long. John pulls over and takes a break to stretch his legs and make sure he remains alert.

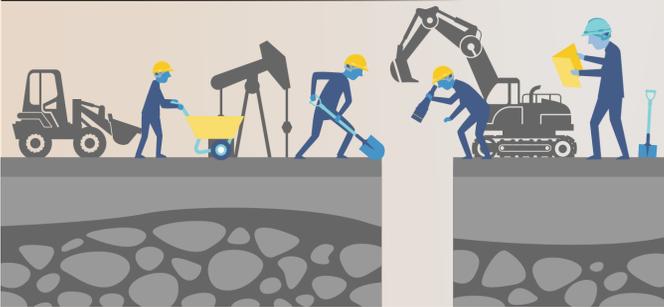
John makes a 400km journey to his company's mining site. His car's navigation system calculates the most appropriate route.



Mining site

4:30PM

John visits the mining site to review the excavation progress



John tests the company's new augmented reality solution that is integrated into a pair of connected glasses.



John shares the "live view" from his connected glasses with his manager as they discuss amendments to the excavation plan.



John is fitted with the company's "lone worker" solution so his movements around the mining site can be tracked and safety ensured.

Hotel

10:00PM



Realising his wife and son are asleep, John touches the "bond" app on his smartwatch and sends a virtual "touch" to them so they know he is thinking about them.



John enjoys a few beverages from the mini bar while watching Australia's Next Top Mining Model.



John receives an electronic version of his hotel bill, which includes his recent beverage purchases. John has bill shock when he finds out the mini bar beer cost \$20!

John arrives at his hotel late in the evening.



The Internet of Things will change everything



Connected iConsumers



Connected iHome



Connected iCity



Connected iEcosystem



Connected iCommerce



Connected iEnterprise

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