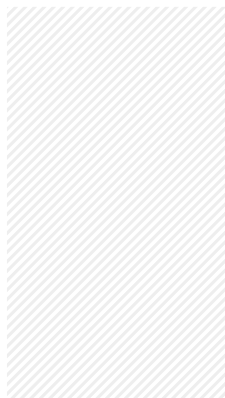


# DRONES

FUTURE TECHNOLOGY EDITION



**#4** in the Series of 'Essential Eight' Tech Mega Trends set to impact all markets in the coming years



## DRONES

Yesterday's hobbyist play thing that can bring international airports to a standstill and offer the promise of extending internet access to the most remote places on Earth.

Drones vary greatly in their capacity, dependent on their design – and businesses are using them for a wide range of reasons including surveillance, surveying, sport, cinematography, and even parcel delivery. Many other applications are on the drawing board. Over the Christmas break, malicious use of drones hit the headlines for bringing Gatwick to a standstill.

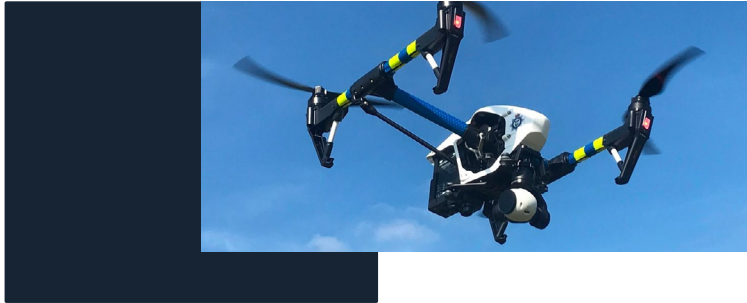
A PwC projection suggests that the overall drone services market will be worth \$127bn by the end of 2020. GDP uplift generated by drones is forecast to have the largest impact on the wholesale and retail trade sectors with an increase of 2.5%, amounting to around £7.7bn.

Here are 7 examples where drones are seeing usage today:



## 1 POLICE DRONES

Law enforcement agencies have been quick to leverage drones in the fight against unlawful drone flights. Tokyo police developed a special drone unit, where drones with nets are used to catch other illegal flying tech.



## 2 SITE SURVEYS & AUDITS

PwC is already using drones to fly over sites to audit clients' projects: verifying the progress of construction projects, checking stockpiled assets etc.

## 3 SURVEILLANCE MONITORING

Drones are in wide use for surveillance monitoring of sensitive sites for example.

## 4 DRONES-AS-A-SERVICE

Is a concept being touted by US start-up Measure. The company aims to reduce the risks and costs associated with using drones for business by providing 'turnkey drone solutions' to entrepreneurs and enterprises. Drones are increasingly being used in the marketing of both properties and businesses.

## 5 INSURANCE ASSESSMENTS

Insurance inspections are a key area where insurance companies can leverage drones, according to CB Insights. In a pre-drone era, inspectors and assessors for property insurance would scale structures to conduct manual inspections of properties; now drones can provide an equally detailed assessment using high-resolution cameras mounted on drones.

## 6 AIRBORNE DELIVERY

Amazon is piloting PrimeAir, it's an autonomous drone package delivery service which might well see more usage in remote places.

### Where next for drones?

It seems the sky offers no limits for drone deployment in the coming years.

# DRONES



[www.dthomas.co.uk/content/fs/futuretech.shtml](http://www.dthomas.co.uk/content/fs/futuretech.shtml)

DRONES  
Worth

**\$127bn**

End of  
**2020**

Largest impact on  
wholesale & retail

**+2.5%** In trade

GDP amounting to

**\$7.7bn**



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