THE INTERNET OF EVERYTHING
INFORMED AIRPORTS

How long is this going to take?

What's going on?

Am I even in the right line?
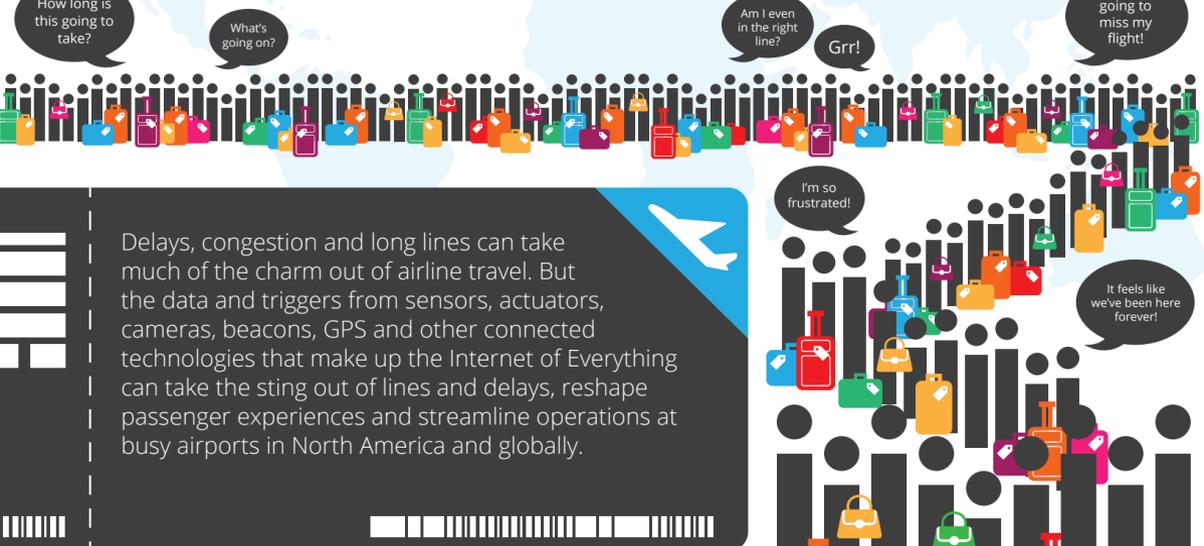
Grr!

I'm going to miss my flight!

It feels like we've been here forever!

I'm so frustrated!

Delays, congestion and long lines can take much of the charm out of airline travel. But the data and triggers from sensors, actuators, cameras, beacons, GPS and other connected technologies that make up the Internet of Everything can take the sting out of lines and delays, reshape passenger experiences and streamline operations at busy airports in North America and globally.

650 MILLION
US air travelers got in line for **mandatory screening** by the TSA in 2014[1].

20% LATE
1 in 5 domestic flights in 2013, or more than one million flights, arrived at the gate **more than 15 minutes late**[2].

50 MINUTES
The average length of **flight delays** at US airports in 2013 was longer than **50 minutes**[3].

By 2020, as many as **25 billion connected devices**[4] – everything from sensors on bags to beacons in lounges - will be generating useful data.

Here are some of the ways smart sensors, smart data and smart displays can lead to smarter airports and happier journeys...

PASSENGERS

GATE CHANGE NOW B16

GATE CHANGE NOTICES
Travelers get visual cues on screens – not just muffled messages on loudspeakers – when gates change.

NEXT LINE 3

SCREENING WAIT TIMES
Cameras and sensors let travelers know how long screening may take and which screening area is moving fastest.

DELAYS

LUGGAGE STATUS NOTICES
Sensors and readers log and track delayed luggage and let travelers know as they reach baggage claim.

PRE-ORDER FOOD PICKUPS
Dedicated screens let hurried travelers know their pre-ordered and pre-paid food is ready and where to pickup.

OPERATORS

PASSENGER TRACKING
Cameras and sensors visualize in heat mappings and charts the numbers and flow of passengers, and help load-balance and optimize operations.

ASSET TRACKING
Sensors and readers report where equipment and people are on the tarmac and other areas, and help drive more efficient plane turnarounds.

LOCATION BASED SERVICES
Mobile apps, beacons and screens help passengers find where they need to go, direct them to retail and food services, and notify them of important changes.

NOTICES & ALERTS
Data-mapping airport information systems to content management systems and displays gets important messages to passenger and staff instantly.

TODAY'S AIRPORTS are already filled with digital displays, almost all of them dedicated to specific tasks and information sources. The Internet of Everything makes it possible to directly tie what's on screens with what one or many data sources are saying, and even generate visuals – such as charts – "on the fly."
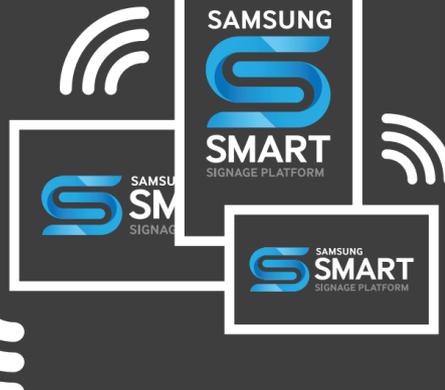
IMAGINE A TRIP
that didn't involve decoding muffled public address announcements and wondering how much time you really had!

FLIGHT STATUS ON TIME

SAMSUNG AND THE INTERNET OF EVERYTHING
Samsung is a major player in the Internet of Everything, producing world-class devices, displays, processors and other central elements of the technology. Smart data married with smart displays, merged and managed by Samsung's Smart Signage platform, results in smart content. Samsung is changing visual communications in airports, retail and across many business sectors.

To learn more about how your business can leverage the Internet of Everything, visit www.samsung.com/smartsignage

SAMSUNG SMART SIGNAGE PLATFORM

SAMSUNG SMART SIGNAGE

SAMSUNG SMART SIGNAGE PLATFORM

SAMSUNG BUSINESS