



Welcome to the home of tomorrow



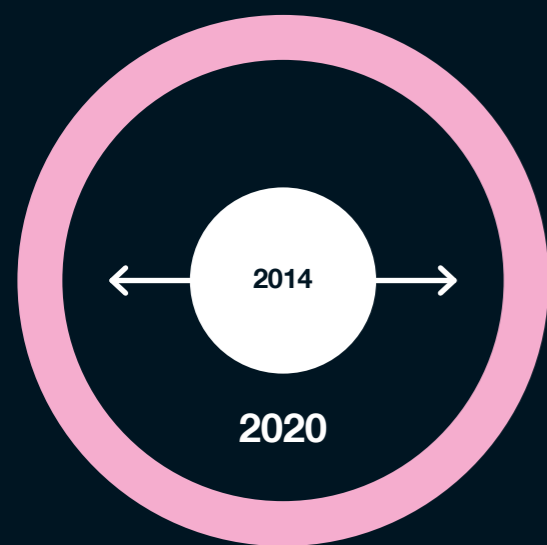
No. 5 Essentials

Orange 2014 – 2015

The home of tomorrow will be smart. Like the city, the home of tomorrow is being reshaped by faster networks and a myriad of connected objects. Orange is leading the way in both areas. Activate your sensors and come in for a visit...

In 2014, with Orange,
you reinvented your home.

3.6 million customers eligible for Orange Fibre service in France in more than **350** cities and towns. **6.1 million** Open mobile plan customers in France at the end of 2014.



25 billion connected objects expected by 2020.

4

million Orange 4G customers in France.

17

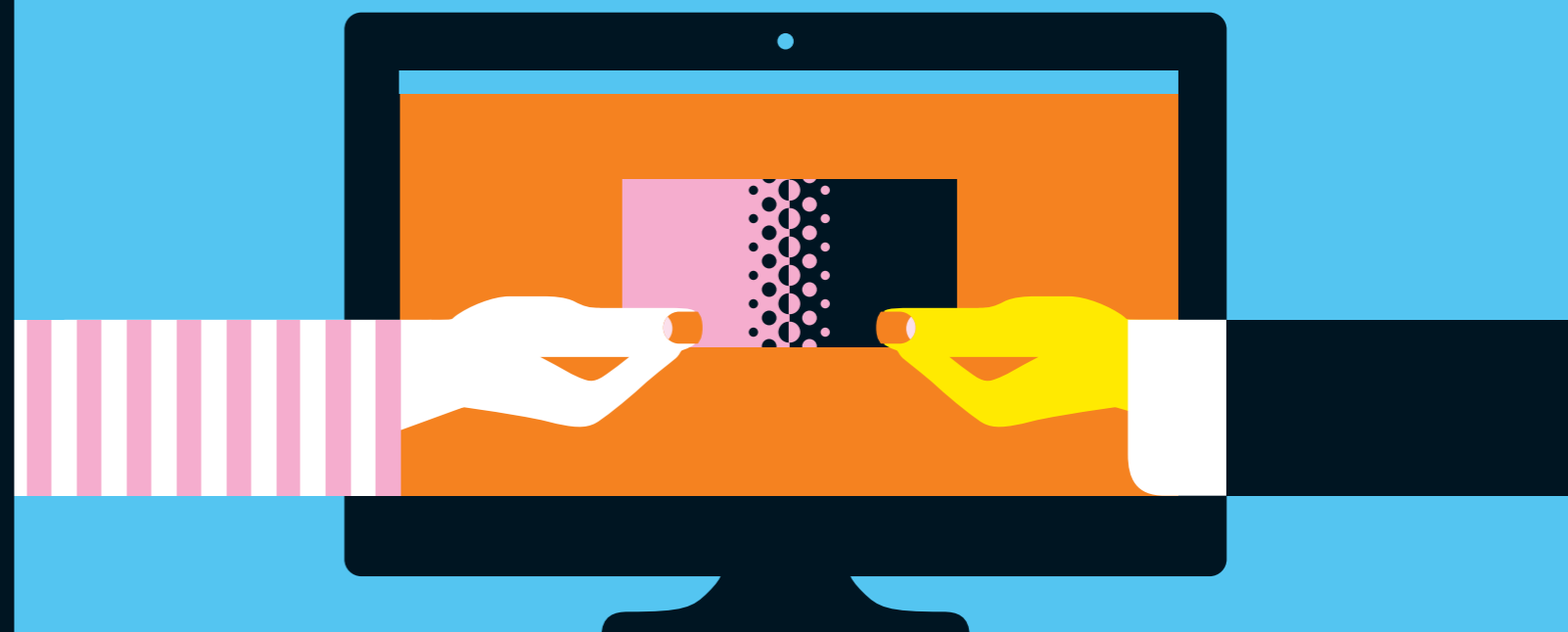
major French cities already covered by 4G+.

Innovative

We share our data

Connected objects by definition work best when they are not alone. The more there are, the richer the broader ecosystem, designed for security and available via multiple, interoperable infrastructures. This is precisely why Orange developed Datavenue, a platform available to developers able to collect, archive, aggregate and protect data generated by connected objects. Datavenue manages private data streams from businesses – rendering them anonymous – as well as open data, guaranteeing security and compliance

with legislation governing end-user privacy. Orange also invited companies in a variety of industries to take part in the Datavenue challenge. The goal is to ramp up an ecosystem and nurture the emergence of new services based on connected objects and data, with an unyielding focus on data security and safeguarding user privacy. Six winners received prizes during the “Osons la France” innovation forum, partnered by Orange, which is providing ongoing support for the most mature projects.



Orange as intermediary. The Group introduced a complete support package for start-ups in the connected objects market to accelerate their development, covering everything from production and distribution to marketing. Learn more at iot.orangepartner.com



Your car is your second home...

In 2018, there will be an estimated 420 million connected cars worldwide. Connected cars are already on the road with Orange, a partner to leading automakers such as Faurecia, PSA and Tesla.



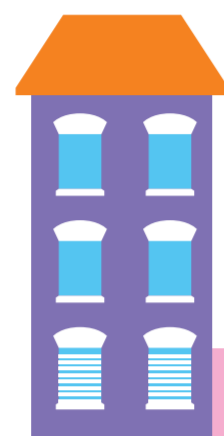
Orange and Veolia launched m2o city, which provides smart metering services for municipalities. No need to wait at home for a technician – an ultralow consumption ratio network collects the data. The business already operates 700,000 meters.



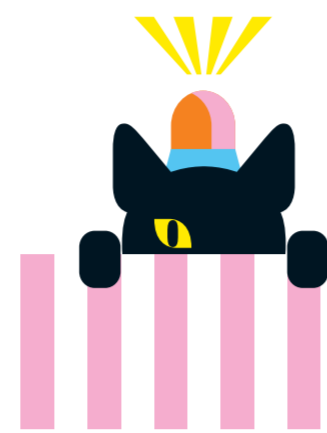


7 am Wake up, I kept my phone next to the bed because it's also my alarm clock.

7:15 am Take a shower, listening to music I grabbed last night with my Orange radio app.

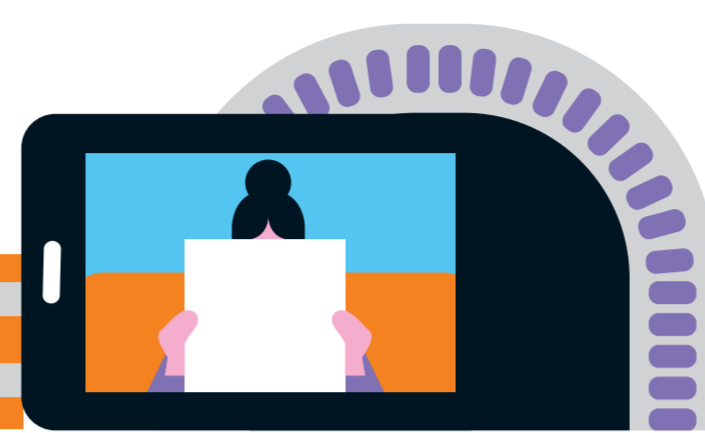


7:45 am Have some breakfast, check our electricity consumption using power company app, Bilan Conso Expert EDF & Moi. Oops, the air-conditioning is putting me over budget. Switch it off immediately.



8:00 am Time to leave. But I can't find my cat! No worries, my Yummypets (see on the opposite page) app finds him in seconds using Bluetooth (he was still sleeping under the covers...).

8:15 am On my way to work I read the news with my favourite paper's app and check to make sure the trains are running on time.



9:00 am When I get to work I remember I forgot to turn off the coffee machine, which I immediately do thanks to my Homelive app.

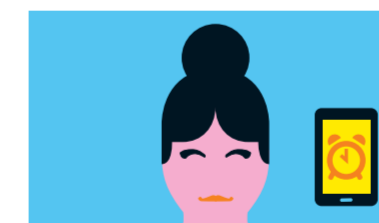
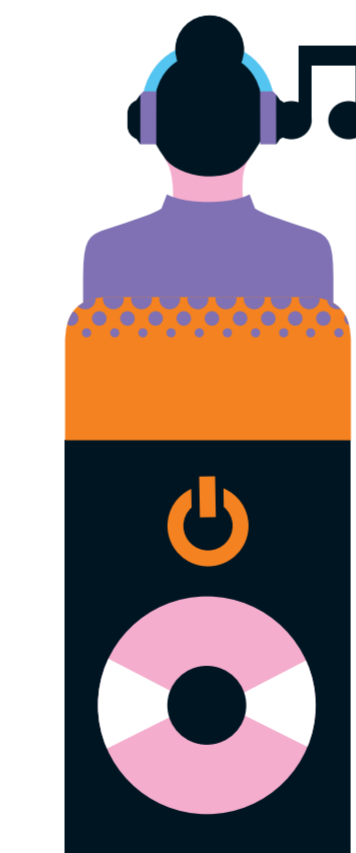
12:30 pm Over lunch I check out the photos my kids posted on the Family Place app, our personal social network for the entire family...

4:00 pm Coffee break. I call my husband who suggests having some friends over for dinner.



7:00 pm Back home. In the metro, I put together a playlist for the evening on my smartphone.

8:00 pm Our friends arrive. Homepoint, an energy source and sharing platform, connects my phone to the stereo so we can listen to the playlist.



11:00 pm After our friends leave, I set the alarm for the next morning. Good night!

Homelive

Introduced in late 2014, this app makes it easy to manage your home directly from your smartphone. Heat, light and soon shutters – everything's right at your fingertips. With Homelive you have a single app to remotely control all the connected devices in your home. You can install sensors to alert you in case of an intrusion, a leak or smoke. Homelive means complete peace of mind when you leave for work or go on holiday.

Bilan Conso Expert EDF & Moi

You naturally want to keep better track of your electricity consumption. Now you can, thanks to a partnership between Orange and French power company EDF. It's quite simple: you insert a sensor in your electricity meter and then plug a USB stick into your Livebox Play. That's it! Your smartphone turns your EDF customer space into a control panel to track your daily electricity usage, providing all the information you need to take charge of real energy savings.

Family Place

Share photos from your recent holiday or organize a barbecue with family and friends to take advantage of this beautiful day... Family Place is a private social network that makes it easy to communicate, schedule events and share fun moments with your family and friends.

Homepoint

Close your eyes for a moment and imagine a "4 in 1" box with multiple connectivity (Wi-Fi, Bluetooth and NFC) and multiple functions. Now open your eyes and have a look at Homepoint, a hub where you can recharge your devices, listen to music from your smartphone on your stereo system, share multimedia content and let guests temporarily use your Wi-Fi connection. Homepoint is the perfect companion for all the phones and tablets in your home.

Yummypets

This start-up supported by Orange Fab France has created an innovative connected collar. You'll never again spend hours looking for a kitten taking a nap in the sock drawer. Yummypets locates your pet both inside and outside your home from your smartphone. Available in late 2015, the app will also monitor your furry companion's activity and manage visits to the vet.

- With fibre, a home Internet connection is 30 times faster than with a conventional ADSL connection.
- Everything works faster and better on fibre, whether it's watching high-definition TV, downloading large files in just seconds or playing online games with excellent response times.

- There are already 3.6 million households eligible for fibre service in France, 800,000 in Spain and 300,000 in Slovakia.
- Made of glass, optical fibres are thinner than a human hair. They can carry large volumes of information at the speed of light.

My home is in my apps

Controlling your home and managing everyday tasks while you're out and about is now possible thanks to apps from Orange. Join us for a tour...



The days of waiting in line for a public phone are ancient history. Today, calling from a mobile phone in any situation has become second nature.

Nobody has to stretch a phone cord into the kitchen to get some privacy anymore either. Today, we like, chat, snapchat and tweet from bed, from work or strolling down the street, all with untethered freedom.

Imagine that some people used to rig a coat hanger to their TV set as a reception antenna. Today, with Orange high-definition TV, viewers enjoy an amazingly sharp picture right on their tablet or phone.

Last generation mobile phones might as well be museum pieces. Today's

smartphones put the equivalent of the supercomputers used by NASA in the 1980s in everyone's pocket.

Digital technologies have radically transformed our day-to-day lives. Our personal and professional lives and relationships are shaped by our computer, smartphone and tablet. The latter two devices have revolutionized everything we do, becoming remote controls for daily living, letting us create and share multimedia content, communicate via social networks, find directions and information, or pay for goods and services. They also control the growing number of connected objects that populate our homes, cars and streets. Thanks to these digital devices, everything becomes

easier and virtually instantaneous. For telecommunications companies, this digital revolution has increasingly made voice and messaging services a secondary source of revenue. With today's new uses, the real economic value lies in data and the countless ways this data can be used.

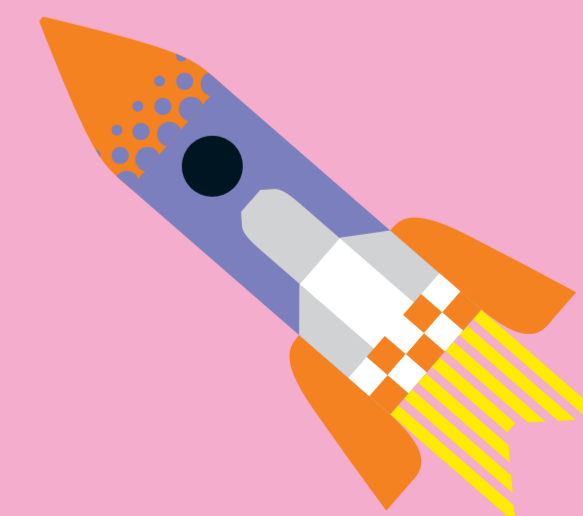
Content and applications are at the heart of our digital lives. In the 21st century, we continually juggle between them. Show me your apps and I'll tell you who you are. Even better, I'll give you the perfect services to match your wants and needs!

Tomorrow is already with us. Could a watch or another connected object replace our already "obsolete" smartphone?

5 minutes to...

understand fibre

In an increasingly connected world, only fibre-optic networks can handle the growth in data and exponential increases in new uses, guaranteeing an experience of incomparable quality at home or work. In 2014, Orange invested €436 million in very-high-speed fixed networks.



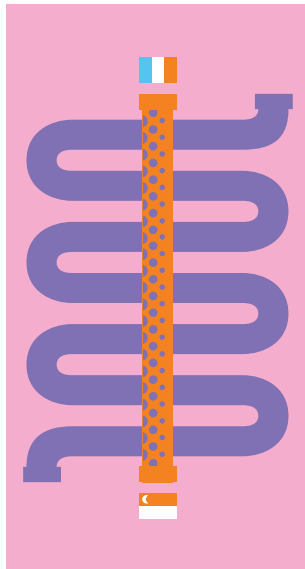
In the same collection, Wellbeing, Family, Work, Money and Fun.



The Orange advantage

Networks

Networks are the backbone of the digital revolution. Without them, new uses and services simply wouldn't be possible. To meet the growing needs of our customers, 59% of Orange's capital spending currently targets networks, especially very-high-speed broadband. Orange owns and operates nationwide networks in around 30 countries, as well as international terrestrial networks and is also co-owner of 450,000 kilometers of fibre-optic submarine cables across the world.



Ultra-reliable quality of service

Our priorities are providing uninterrupted, superior quality connections. For the fourth consecutive year in 2014, French telecoms regulator ARCEP ranked Orange the number one mobile network in France. Our technicians monitor the network's status 24/7 and our teams regularly run full-scale, real-world tests. In addition to these measures, automated programmes continually test the network. We make no compromises when it comes to reliability and security. We deploy every possible resource to safeguard our customers' data, our networks and our information systems.

Faster speeds, greater capacity

The rollout of fixed and mobile broadband continues to accelerate to support the ubiquity of digital technologies in our daily lives. In 2014, we signed an agreement for construction of the Sea-Me-We 5 submarine cable, which will link Singapore and France. Orange and Alcatel-Lucent deployed the first 400-gigabit per second and per wavelength terrestrial optical network between Paris and Lyon. We are also democratizing access to ultra-fast broadband such as 4G in France, which already counts over 4 million customers, as well as 4G+, already in service in 17 major French cities.

In Africa and the Middle East, we deployed 4,000 mobile phone towers in 2014, covering 83% of the population in Orange host countries. And we are already working on defining and testing 5G as part of Europe's 5G Public Private Partnership initiative.

Personalized services

We continually enhance our services with new functionalities such as high-definition voice in Europe. The LibOn all-in-one communications app we've developed supports Rich Communications Suite (RCS) technology. The revolution includes television too, with TV services now available to the largest possible number of customers via IP-TV technology, plus optimized

quality for access to multimedia content.

Greener networks

We have committed to reducing our greenhouse gas emissions (CO₂) by 20% in 2020, compared with 2006, and to reduce our energy consumption. To achieve this we're upgrading the technical infrastructures for our networks and information systems to make them more energy efficient. Measures include regulating the temperature in our buildings and virtualizing servers at our new generation data centres. We have also initiated an ambitious solar power plan with more than 2,400 solar base stations installed at the end of 2014 in 18 Group countries, including 15 in the AMEA region. We also improved management of consumption in multi-unit buildings and for vehicle fleets. These actions have brought down our emissions per customer by 21% since 2006.

