



## PRESS RELEASE

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### FIXED AND MOBILE HIGH-SPEED BROADBAND DECEMBER 2018

#### **HIGH-SPEED BROADBAND LEADER SFR CONTINUES ITS ROLL-OUT: NEARLY 90% OF THE POPULATION NOW HAS 4G COVERAGE WITH 12.3 MILLION FIBER CONNECTIONS**

##### Mobile high-speed broadband

- Nearly 99% of the population had 4G coverage by the end of December 2018
- 3,100 4G sites brought into service in 2018 (source: ANFR<sup>2</sup>)
- In the month of December, 4G coverage was brought to 349 towns and 4G+ coverage was brought to 387
- 4G+ 300 Mbits/s was deployed in 1,146 towns, 260 of which have more than 20,000 residents
- Paris: 11th city in which 4G+ 500 Mbit/s is being deployed
- SFR experimented with 5G several times in 2018

##### Fixed high-speed broadband

- France's first Fiber<sup>1</sup> infrastructure provider, with more than 12.3 million eligible FTTx connections
- 164,000 new connections across 226 towns in December 2018
- SFR, country provider, partnered with 33 Public Service Delegations (DSP)

##### Mobile high-speed broadband:

##### **By the end of December 2018, nearly 99% of the population had 4G coverage**

In 2018, SFR continued the extension of its 4G network by bringing 3,100 additional sites into service. SFR now covers 98.7% of the population and had 36,972 antennas at the end of December 2018 (source ANFR)<sup>2</sup>.

Furthermore, 3 years ahead of schedule, SFR has achieved its target of 90% coverage of populations in Lesser Populated Zones, as stipulated by the obligatory requirement of 17th January 2022.

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<sup>(1)</sup> Fiber with optical or coaxial termination, according to eligibility

<sup>(2)</sup> According to the National Agency of Frequencies monitoring centre: <https://www.anfr.fr/gestion-des-frequences-sites/observatoire/les-resultats-de-observatoire/janvier-2019/>

### **In the month of December, 4G coverage was deployed in 349 towns and 4G+ coverage was deployed in 387**

In December, SFR brought 4G to 349 additional towns, and 4G+ to 387 towns. For example, Cabourg (14), Merlimont (62), and Meaux (77) have enjoyed the arrival of 4G, and Pont-Sainte-Maxence (60), Brie-Comte-Robert (77) and Saint-Maximin-la-Sainte-Baume (83) have benefited from 4G+. (See lists below).

### **4G+ 300 Mbits/s was launched in 1,146 towns, 260 of which have more than 20,000 residents**

SFR continues its investments which will bring 4G+ of up to 300 Mbit/s to its clients, allowing a theoretical maximum speed 3 times faster than 4G. Already being rolled out in 33 major urban centres (of more than 100,000 residents) across a total of 1,146 towns, 260 of which have more than 20,000 residents, this technology is now available in Cestas (33), Guipavas (29) and Le Coudray-Montceaux (91). (See lists below).

### **Paris: 11th city in which 4G+ 500 Mbit/s is being deployed**

In 2018, SFR took an important new step. After Bordeaux, Lyon, Saint-Etienne, Marseille, Toulon, Nice, Montpellier, Avignon, Nantes and Tours, Paris became the 11th large urban zone in which 4G+ of up to 500 Mbit/s was launched.

Therefore, customers using a fixed rate 4G plan and a compatible device will benefit from considerably increased data rates at no extra cost and will thereby be able to increase, as they wish, their digital usage when mobile.

4G+ up to 500 Mbit/s is a progression from the standard 4G. Thanks to the aggregation of 4 x 4G frequency bands, 4G+ up to 500 Mbit/s is capable of providing a theoretical maximum speed of 593 Mbit/s, thereby offering unequalled comfort and navigation speed for the user on the go.

### **In 2018, SFR experimented with 5G several times**

Having created the first 5G connection on frequency band 3.5 GHz in France on 3rd May 2018, then carried out the first full-scale 5G experiment on the same band with a pre-commercial terminal on 23rd May 2018, then supplied the Paris Altice Campus with 5G on 9th October 2018, SFR, country provider and premier partner to local authorities, has extended its experiments in various regions, particularly in Nice, from this January.

The first operator to have commercially launched 3G in France (May 2004), followed by 4G (November 2012), SFR retains its dynamic of innovation with the implementation of several 5G tests since 2016.

With speeds exceeding 1Gbit/s, and a latency in the order of milliseconds, 5G is bringing the speed of Fiber to the mobile. Facilitating telemedicine, the use of autonomous cars, the development of online education, connected agriculture, and even transforming media experience: SFR will continue to support private individuals, companies and territories in the use of the services of tomorrow.

### **Fixed mobile high-speed broadband:**

#### **The 1st Fiber<sup>1</sup> infrastructure in France with 12.3 eligible FTTx connections, SFR deployed 164,000 new connections across 226 towns in December**

In December 2018, SFR continued its deployments across the country, and 164,000 residences and local professionals were made Fiber-connectable in 226 towns. Among those, 175 have received Fiber for the first time, for example Saint-Mitre-les-Remparts (13), Guainville (28), Armentières (59), Saint-Pierre-du-Perray (91), and 51 have enjoyed an extension of their fiber coverage, such as Tergnier (02), Gignac-la-Nerthe (13), Veauche (42), and Ormesson-sur-Marne (94). (See lists below).

Currently, SFR's Fiber services are available in nearly 2,600 French towns and more than 1,700 towns enjoy speeds of up to 1Gbit/s.

Equipped with the first (FTTB/FTTH) Fiber infrastructure in France with more than 12.3 million eligible FTTx connections, SFR affirms its leadership and will continue to enliven the

market thanks to its strong momentum of deployments which will allow Fiber optic broadband to be brought right to the heart of the country.

### **SFR, country provider, partnered with 33 Public Service Delegations**

With 33 Public Service Delegations and Fiber networks extending across the whole of the country, SFR is the preferred partner of local authorities. Fully committed to the country's digital development, SFR responds to all Public Initiative Networks' calls for tender, to all *appels à manifestation d'engagements locaux* (AMEL) [calls for expression of local commitment] and aims to be commercially present in all Public Initiative Network (PIN) zones.

In recent months, SFR has won Public Service Delegations for Corsica, Gard and the Pyrénées-Atlantiques as well as AMELs [calls for expression of local commitment] in Bouches du Rhône, Alpes de Haute Provence and Hautes Alpes.

*Details of offers available at [sfr.fr](http://sfr.fr)*

### **About Altice France - [alticefrance.com](http://alticefrance.com)**

*Altice France is the leading telecoms-media convergence player in France.*

*Through SFR, France's second-largest communications services company, Altice France is a telecommunications industry leader serving 22 million customers. SFR owns the country's first fiber optic network (FTTB / FTTH) with 12.3 million eligible FTTx connections. It also boasts the greatest number of 4G antennas in the country, covering nearly 99% of the population.*

*SFR enjoys a major presence across the entire market, among the public, businesses, local authorities and other telecom companies.*

*Altice France is also a leading media group with 14 television channels, two radio stations and five press publications, amongst which are iconic brands such as BFM, RMC, Libération and L'Express.*

*Whether through its digital newsstand, portfolio of sporting fixture rights, or the creation, funding or purchase of original and exclusive content, Altice France is a pioneer of new publishing and distribution models open to all.*

*In 2017, Altice France achieved a turnover of 10.8 billion euro.*

*Follow the Group's latest news on Twitter: [@AlticeFrance](https://twitter.com/AlticeFrance)*

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## **APPENDIX**

### **4G - December 2018**

#### **New towns of more than 2,000 residents provided with 4G coverage in December 2018:**

Listed by departement: Argences (14), Cabourg (14), Saint-Agathon (22), Étables-sur-Mer (22), Plélo (22), Le Thuit-Signol (27), Saint-Victor-la-Coste (30), Pujaut (30), Irodouër (35), Baule (45), Saint-Ay (45), Cléry-Saint-André (45), Jargeau (45), Mons-en-Pévèle (59), Cappelle-en-Pévèle (59), Nomain (59), Lecelles (59), Coutiches (59), Marchiennes (59), Templeuve (59), Orry-la-Ville (60), Merlimont (62), Ensisheim (68), Mayet (72), Mareuil-lès-Meaux (77), Montry (77), Jouarre (77), Trilport (77), La Ferté-sous-Jouarre (77), Meaux (77), Montredon-Labessonnié (81), Saint-Julien (83), Seillons-Source-d'Argens (83), Bras (83), Néoules (83), Forcalqueiret (83), Besse-sur-Issole (83), Barjols (83), Flassans-sur-Issole (83), Vinon-sur-Verdon (83), Le Val (83), Rians (83), Rocbaron (83), Tourves (83), Garéoult (83), Brignoles (83), Mornas (84), Giromagny (90), Belloy-en-France (95), Saint-Witz (95), Chaumontel (95), Survilliers (95), Viarmes (95).

### **4G +- December 2018**

#### **New towns of more than 5,000 residents provided with 4G+ coverage in December 2018:**

Classement par département : Château-Arnoux-Saint-Auban (04), Bourg-Saint-Andéol (07), Lambesc (13), Cournonterral (34), Flines-lez-Raches (59), Pont-Sainte-Maxence (60), Étaples (62), Arques (62), Blendecques (62), Marquise (62), Cucq (62), Meaux (77), Brie-Comte-Robert (77), Dammartin-en-Goële (77), Gretz-Armainvilliers (77), Othis (77), Esbly (77), Quincy-Voisins (77), Noisy-le-Roi (78), Épône (78), Saint-Maximin-la-Sainte-Baume (83), Garéoult (83), Bollène (84), Piolenc (84).

### **4G+ 300 Mbit/s - December 2018**

#### **Main towns provided with 4G+ plus up to 300 Mbit/s in December 2018:**

Classement par département : Cestas (33), Coulaines (72), Frouzins (31), Guipavas (29), Le Coudray-Montceaux (91).

### **Fiber - December 2018**

#### **New towns receiving Fiber<sup>(1)</sup> for the first time in December 2018:**

Classement par département : Brénaz (01), Nivigne et Suran (01), Évosges (01), Lélex (01), Le Plantay (01), Pouillat (01), Saint-André-de-Corcy (01), Azy-sur-Marne (02), Bonneil (02), Pégomas (06), La Roquette-sur-Siagne (06), Ensues-la-Redonne (13), Saint-Mitre-les-Remparts (13), Authie (14), Allouis (18), Blet (18), Charly (18), Flavigny (18), Foëcy (18), Mehun-sur-Yèvre (18), Nérondes (18), Ourouer-les-Bourdelins (18), Champcevinel (24), Guainville (28), Souancé-au-Perche (28), Ailleux (42), Bard (42), Boisset-lès-Montrond (42), Cezay (42), La Côte-en-Couzan (42), Essertines-en-Châtelneuf (42), Lérigneux (42), Maringes (42), Noailly (42), Pélussin (42), Saint-Appolinard (42), Saint-Bonnet-les-Oules (42), Saint-Didier-sur-Rochefort (42), Saint-Galmier (42), Saint-Germain-Lespinnasse (42), Saint-Romain-la-Motte (42), Saint-Thurin (42), Soleymieux (42), La Vallasur-Rochefort (42), Veauche (42), Courtenay (45), Séné (56), Armentières (59), Carnin (59), Chemy (59), Eswars (59), Halluin (59), Haynecourt (59), Hem-Lenglet (59), Hordain (59), Lieu-Saint-Amand (59), Mastaing (59), Moeuvres (59), Mons-en-Pévèle (59), Neuville-sur-Escaut (59), Phalempin (59), Ramillies (59), Roelx (59), Sancourt (59), Thumeries (59), Thun-l'Évêque (59), Thun-Saint-Martin (59), Tilloy-lez-Cambrai (59), Wasnes-au-Bac (59), Wervicq-Sud (59), Bacouël (60), Bonneuil-les-Eaux (60), Bonvillers (60), Campremy (60), Chepoix (60), Conchy-les-Pots (60), Fléchy (60), Gouy-les-Groseillers (60), Le Mesnil-Saint-Firmin (60), Paillart (60), Rocquencourt (60), Rouvroy-les-Merles (60), Saint-André-Farivillers (60), Sérévillers (60), Tartigny (60), Ames (62), Amettes (62), Auchy-au-Bois (62), Bayenghem-lès-Éperlecques (62), Bayenghem-lès-Seninghem (62), Biache-Saint-Vaast (62), Bourlon (62), Burbure (62), Busnes (62), Coulomby (62), Dury (62), Ecques (62), Enquin-lez-Guinegatte (62), Épinoy (62), Estrée-Blanche (62), Ferfay (62), Guarbecque (62), Hamblain-les-Prés (62), Ham-en-Artois (62), Houille (62), Inchy-en-Artois (62), Lambres (62), Lespesses (62), Lières (62), Liettes (62), Marquion (62), Mentque-Nortbécourt (62), Muncq-Nieurlet (62), Neuvireuil (62),

Nort-Leulinghem (62), Oisy-le-Verger (62), Oppy (62), Palluel (62), Plouvain (62), Quelmes (62), Quiestède (62), Saint-Augustin (62), Récourt (62), Sains-lès-Marquion (62), Saint-Hilaire-Cottes (62), Saint-Martin-lez-Tatinghem (62), Sauchy-Cauchy (62), Sauchy-Lestrée (62), Saudemont (62), Seninghem (62), Théroutanne (62), Witternesse (62), Wittes (62), Seltz (67), Belbeuf (76), La Neuville-Chant-d'Oisel (76), Tourville-la-Rivière (76), Albert (80), Allenay (80), Aubigny (80), Bonnav (80), Bouchon (80), Bourseville (80), Bouzincourt (80), Buire-sur-l'Ancre (80), Chépy (80), Contalmaison (80), Corbie (80), Dernancourt (80), L'Étoile (80), Flesselles (80), Flixecourt (80), Fouilloy (80), Friaucourt (80), Friville-Escarbotin (80), Hamelet (80), Hénencourt (80), Lahoussoye (80), Laviéville (80), Méaulte (80), Millencourt (80), Mouflers (80), Oivillers-la-Boisselle (80), Pozières (80), Sailly-le-Sec (80), Senlis-le-Sec (80), Vaire-sous-Corbie (80), Vauchelles-lès-Domart (80), Vaux-sur-Somme (80), Ville-sur-Ancre (80), Le Pradet (83), Saint-Germain-lès-Corbeil (91), Saint-Pierre-du-Perray (91), Wissous (91), Saint-Witz (95).

**Towns whose fiber<sup>(1)</sup> coverage was extended in December 2018:**

La Capelle (02), Saint-Quentin (02), Tergnier (02), Mandelieu-la-Napoule (06), Menton (06), Nice (06), Arles (13), Châteauneuf-les-Martigues (13), Gignac-la-Nerthe (13), La Rochelle (17), Périgueux (24), Quimper (29), Toulouse (31), Martignas-sur-Jalle (33), Mérignac (33), Pessac (33), Pélussin (42), Saint-Germain-Lespinnasse (42), Veauche (42), Rezé (44), Saint-Herblain (44), Châteauneuf-sur-Loire (45), Laval (53), Estaires (59), Maubeuge (59), Roelx (59), Compiègne (60), Paris 15e Arrondissement (75), Mitry-Mory (77), Montauban (82), La Garde (83), Hyères (83), Ollioules (83), Brétigny-sur-Orge (91), Brunoy (91), Chilly-Mazarin (91), Étampes (91), Sainte-Geneviève-des-Bois (91), Saint-Germain-lès-Corbeil (91), Saint-Pierre-du-Perray (91), Nanterre (92), Aulnay-sous-Bois (93), Neuilly-sur-Marne (93), Arcueil (94), Le Kremlin-Bicêtre (94), Ormesson-sur-Marne (94), Sucy-en-Brie (94), Villiers-sur-Marne (94), Argenteuil (95), Cormeilles-en-Parisis (95), Goussainville (95).