SFR **altice**

PRESS RELEASE

FIXED AND MOBILE HIGH-SPEED BROADBAND
SEPTEMBER 2018

SFR, THE HIGH-SPEED BROADBAND LEADER, CONTINUES ITS ROLL-OUT THROUGHOUT THE COUNTRY AND NEARLY 98% OF THE POPULATION HAS 4G COVERAGE

Mobile high-speed broadband
- **Nearly 98% of the population has 4G coverage**
- **447 new towns now covered with 4G, and 317 new towns get 4G+**
- **16 new towns now covered by 4G+ of up to 300 Mbps**
- **Launch of 4G+ of up to 500 Mbps in Toulon**
- **5G at the Altice Campus in Paris**
- **SFR Caraïbe, 1st operator to produce a 5G connection in Guadeloupe**

Fixed high-speed broadband
- **France's first fiber optical[1] infrastructure provider with nearly 11.9 million eligible FTTx connections**
- **81,000 new fiber connections across 133 towns**

Mobile high-speed broadband : nearly 98% of the population has 4G coverage. 447 new towns now covered with 4G, and 317 new towns get 4G+

In September 2018, SFR continued to expand its 4G/4G+ network and remains - according to the French National Frequencies Agency (ANFR)[2] - the provider with the most working 4G antennas in France (34,281 antennas). As of October 1st, nearly 98% of the population has 4G coverage.

In September, SFR has opened up 4G coverage to 447 additional towns, 434 of which have fewer than 3,500 inhabitants, and 4G+ to 317 towns.

For example, Château-Renault (37), Machecoul (44) or Thouarcé (49) will now enjoy 4G coverage, while Saint-André-de-Cubzac (33), Craon (53) or Sablé-sur-Sarthe (72) will benefit from 4G+ (*see lists below*).

16 new towns now covered by 4G+ of up to 300 Mbps

SFR continues to invest in order to provide its customers with 4G+ of up to 300 Mbps, offering them a theoretical maximum speed three times greater than that offered by 4G. Already launched in more than 1,042 towns, this technology is now available in Fos-sur-Mer (13), Méricourt (62) and La Crau (83) *(see lists below).*

SFR launches 4G+ of up to 500 Mbps in Toulon

SFR was the first provider to launch 4G in France, and since 2017 it has introduced 4G+ of up to 300 Mbps into the country's 30 largest cities and has overcome today an ambitious new milestone.

After Bordeaux, Lyon, Saint-Etienne and Marseille, there is now 4G+ of up to 500 Mbps available in the city of Toulon. In total, more than 10 major cities are on schedule to receive it by the end of 2018. SFR customers with a 4G plan and a compatible device will therefore enjoy, at no extra cost, significantly faster speeds, with no limits to their online mobile usage.

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[1] *Fiber with optical or coaxial terminal, according to eligibility*
[2] *According to the barometer produced by the National Frequencies Agency:* https://www.anfr.fr/gestion-des-frequences-sites/lobservatoire/

4G+ of up to 500 Mbps is the next level up from standard 4G. Through aggregating four 4G frequency bands, 4G+ of up to 500 Mbps is able to provide a theoretical maximum speed of 593 Mbps, offering customers unparalleled ease and browsing speed while on the move.

By increasing 4G speeds in this way, SFR continues to provide its customers with the best possible service: while waiting for 5G to arrive in 2020, from 2019 SFR will be offering 4G speeds of up to 1Gbit/s.

5G at the Altice Campus in Paris
On 9th October, at the inauguration of the Altice Campus, the headquarters of the most innovative telecoms and media group in Europe, SFR broke new ground by using 5G in real terms, for the first time. The group's telecoms & media teams combined their know-how and technology so that they could air, thanks to 5G, 8 live streams broadcast from 4 studios and emit streams from cameras in 'diverged' mode, thereby recreating the sets from multiple angles.

SFR was therefore able to benefit from the 2.3 Gbit/s achieved by 5G on the Altice Campus to broadcast in real time, with a very low latency, numerous video streams of very high quality. The 5G promise of speed and latency were thereby highlighted tangibly.

This technical feat, delivered via a terminal provided by Huawei and core network hardware delivered by Cisco, exemplifies the group's innovation and convergence strategy and demonstrates that 5G will provide the media with new perspectives: immediate access to content, swifter production times and even lighter field equipment for reporters.

SFR Caraïbe, 1st operator to produce a 5G connection in Guadeloupe
On Thursday 6th September, in Guadeloupe, in the operator's operations centre, located in Jarry, SFR Caraïbe successfully produced its first 5G connection, proving once more SFR Caraïbe's investment in network innovation. In partnership with the manufacturer Huawei, SFR Caraïbe achieved, for the first time in overseas territories, a speed higher than 1Gbit/s with radio mobile technology.

Fixed high-speed broadband : France's first fiber optical[1] infrastructure provider with nearly 11.9 million eligible FTTx connections, in September SFR added 81,000 new fiber connections across 133 towns
Specifically, in September, 81,000 homes and business premises were made connectable to fiber in 133 towns. Of these, 106 were new to the world of fiber, such as Chauny (02), Cassis (13), Charlieu (42), L'Union (31), Margny-lès-Compiègne (60 ou Nangis (77), while 27 saw their coverage extended, such as Alfortville (94), Cluses (74), Mandelieu-la-Napoule (06) and Marquette-lez-Lille (59) (see lists below).

Today, SFR's fiber services are available in more than 2,200 French towns.

As owner of France's first fiber infrastructure network (FTTH/FTTB), with nearly 11.9 million available connections, SFR can confirm its leadership and will continue to drive the market with its sustained programme *of deployment* to bring fiber optical broadband into the heart of the country.

4G+ and 4G+ of up to 300 Mbps are offered at no extra cost to SFR customers with 4G subscriptions and compatible devices. For information about eligibility for FTTx, mobile coverage and details of the services offered, please visit sfr.fr.

About Altice France – 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 optical network (FTTB / FTTH) with nearly 11.9 million eligible FTTx connections. It also boasts the greatest number of 4G antennas in the country, covering nearly 98% 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 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
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<u>ANNEX</u>

<u>4G – September 2018</u>

<u>New towns of more than 2,000 inhabitants provided with 4G in September 2018:</u>
Listed by departement: Fère-en-Tardenois (02), Essômes-sur-Marne (02), Saint-Georges-sur-Eure (28), Pierres (28), Nogent-le-Roi (28), Maintenon (28), Courville-sur-Eure (28), Saint-Quentin-la-Poterie (30), Saint-Laurent-d'Aigouze (30), Aubais (30), Saint-Yzan-de-Soudiac (33), Saint-Savin (33), Saint-Christoly-de-Blaye (33), Saint-André-de-Cubzac (33), Pugnac (33), Peujard (33), La Lande-de-Fronsac (33), Cézac (33), Bourg (33), Aubie-et-Espessas (33), Ambès (33), Savonnières (37), Langeais (37), Cinq-Mars-la-Pile (37), Château-Renault (37), Auzouer-en-Touraine (37), Saint-Hilaire-de-Chaléons (44), Mouzillon (44),Maisdon-sur-Sèvre (44), Machecoul (44), Legé (44), Le Pallet (44), Le Landreau (44), La Limouzinière (44), La Chapelle-Heulin (44), Corcoué-sur-Logne (44), Clisson (44), Château-Thébaud (44), Bourgneuf-en-Retz (44), Aigrefeuille-sur-Maine (44), Thouarcé (49), Les Rosiers-sur-Loire (49), La Ménitré (49), Gennes (49), Fontaine-Guérin (49), Craon (53), Guerville (78), Sainte-Gemme-la-Plaine (85), La Châtaigneraie (85).

<u>4G+ - September 2018</u>

<u>New towns of more than 5,000 inhabitants provided with 4G+ in September 2018:</u>
Listed by department: Sarlat-la-Canéda (24), Pont-Saint-Esprit (30), Saint-André-de-Cubzac (33), Lesparre-Médoc (33), Dol-de-Bretagne (35), Château-Renault (37), Carentan (50), Faulquemont (57), Sablé-sur-Sarthe (72), Migennes (89).

<u>4G+ of up to 300 Mbps - September 2018</u>

<u>Main towns provided with 4G+ of up to 300 Mbps in September 2018:</u>
Listed by department (outside Ile-de-France): Cantaron (06), Cassis (13), Fos Sur Mer (13), Cuges-Les-Pins (13), Jacou (34), Rives (38), Les Sorinières (44), Beaucouze (49) Loison-sous-Lens (62), Auchel (62) Méricourt (62), Feyzin (69), Le Revest-Les-Eaux (83), La Crau (83), Courthezon (84), Oppède (84).

<u>Fiber - September 2018</u>

<u>New towns receiving fiber[1] for the first time in September 2018:</u>
Listed by department: Belleu (02), Berzy-le-Sec (02), La Capelle (02), Chauny (02), Fontaine-lès-Vervins (02), Holnon (02), Jeancourt (02), Noyant-et-Aconin (02), Ribemont (02), Septmonts (02), Vendelles (02), Le Verguier (02), Vervins (02), Villers-Cotterêts (02), Cassis (13), Gardanne (13), Ploufragan (22), Ivry-la-Bataille (27), La Chapelle-Forainvilliers (28), Germainville (28), Pluguffan (29), Launaguet (31), L'Union (31), Ambierle (42), Amions (42), Belmont-de-la-Loire (42), Chamboeuf (42), Champoly (42), La Chapelle-Villars (42), Charlieu (42), Chavanay (42), Chuyer (42), Cordelle (42), Craintilleux (42), Cremeaux (42), Cuzieu (42), Dancé (42), Écoche (42), Feurs (42), Grézolles (42), Juré (42), Luré (42), Montchal (42), Notre-Dame-de-Boisset (42), Ouches (42), La Pacaudière (42), Panissières (42), Pouilly-sous-Charlieu (42), Pradines (42), Rivas (42), Saint-Alban-les-Eaux (42), Saint-Bonnet-des-Quarts (42), Saint-Cyr-de-Favières (42), Saint-Forgeux-Lespinasse (42), Saint-Just-en-Chevalet (42), Saint-Médard-en-Forez (42), Saint-Nizier-sous-Charlieu (42), Saint-Paul-de-Vézelin (42), Saint-Priest-la-Roche (42), Saint-Rirand (42), Saint-Romain-d'Urfé (42), Souternon (42), Unias (42), Vendranges (42), Vivans (42), Chausseterre (42), Ploeren (56), Vred (59), Auneuil (60), Margny-lès-Compiègne (60), Noyers-Saint-Martin (60), Saint-Léger-en-Bray (60), Bannost-Villegagnon (77), Boisdon (77), Bois-le-Roi (77), Boitron (77), Boutigny (77), La Celle-sur-Morin (77), La Chapelle-Saint-Sulpice (77), La Chapelle-Moutils (77), Chartronges (77), Choisy-en-Brie (77), Coutevroult (77), Faremoutiers (77), Giremoutiers (77), La Haute-Maison (77), Jouy-sur-Morin (77), Lescherolles (77), Leudon-en-Brie (77), Maisoncelles-en-Brie (77), Maison-Rouge (77), Mouroux (77), Nangis (77), Orly-sur-Morin (77), Pommeuse (77), Saint-Léger (77), Saint-Mars-Vieux-Maisons (77), Saint-Martin-du-Boschet (77), Saint-Rémy-la-Vanne (77), La Trétoire (77), Vanvillé (77), Vieux-Champagne (77), Voulangis (77), Vulaines-lès-Provins (77), Bellancourt (80), Sanary-sur-Mer (83).

<u>Towns whose fiber[1] coverage was extended in September 2018:</u>
Listed by department: Crouy (02), Hirson(02), Saint-Michel (02), Tergnier (02), Mandelieu-la-Napoule (06), Nice (06), Saint-Brieuc (22), Toulouse (31), Eysines (33), Mérignac (33), Montpellier (34), Marquette-lez-Lille (59), Saint-André-lez-Lille (59), Compiègne (60), Ressons-sur-Matz (60), Boulogne-sur-Mer (62), Bayonne (64), Cluses (74), Paris (75), Rebais (77), La Garde (83), La Roche-sur-Yon (85), Bondoufle (91), Villabé (91), Aulnay-sous-Bois (93), Alfortville (94), Maisons-Alfort (94).