

La collection

printemps été **09**

Innovation, creativity, simplicity: the three key trends in La collection printemps été 09

Orange puts its innovation and creativity to work for all

Orange has one absolute goal that it sets above all others: simplify the lives of its customers in every possible way.

Orange accomplishes that goal through constant innovation and improvements to its products.

Innovation is behind the invention of popular new products based on cutting-edge technologies that revolutionise the market and change consumer habits. Orange anticipates consumer needs with products like 24/24 Actu, a powerful new type of multimedia search engine, which is being presented at La collection.

Innovation is also about incremental improvements that make existing solutions more effective and easy to use. Orange's creative solutions offer ways to smooth over the bumps in the road we take through daily life. One example is the Visual Voicemail Orange is presenting in this collection, which will considerably improve access to and management of mobile voice messages, fulfilling an essential everyday need with an intuitive approach.

When innovation means simplicity

Numerous studies have shown that simplicity is primordial for consumers: we all want products and services that are easy to obtain and easy to use every day. For 77% of respondents to a study conducted by Sociovision in 2008, the number-one criterion (apart from price considerations) when buying a new product was 'ease of use'. According to Relaxnews, a news agency specialising in leisure information, '85% of the public is put off by the many steps required to obtain mobile services' (US, UK, January 2009), while Arcep, the French regulatory authority for electronic communications, stresses that 'complexity is the leading obstacle to the use of the internet' (March 2007).

Orange has paid great attention to what consumers want in developing the new products and services presented in this collection. Easier to use thanks to interfaces that make them more intuitive to operate, they enrich the experience for all customers (families, individuals and professionals) in a natural way by using the senses of sight, touch and hearing.

Orange also cares about sustainable development, an integral part of its innovation process, as the new, more ecological Livebox attests.

For the fifth anniversary of the Livebox, a brand-new version is being presented in La collection printemps été 09. Happy birthday!

The Livebox, the heartbeat of the digital home and office, is celebrating its fifth birthday. Even easier to install, it is now available in a new version that will allow Orange customers to make the digital home a reality in the simplest way imaginable.

To mark the occasion, Orange has asked five well-known artists to brighten up the Livebox with a fresh new design. The works of Ben, Pascal Dusapin, Joël Hubaut, Jean Le Gac and Fabien Verschaere will be presented during La collection.

New

A selection from La collection printemps été 09 is being presented in Bordeaux this year (6-8 April 2009 at the large Orange store at 93, rue Ste Catherine).

The interview with Jean-Philippe Vanot, Executive Vice President in charge of Group Innovation and Marketing, and Yves Tyrode, Head of the Technocentre is available at www.orange-innovation.tv/la-collection

Visiting La collection



When innovation anticipates new uses

Every once in a while a new technology is introduced that completely changes the way we do things, sometimes without the user even being aware of the revolutionary technology that makes it work. Orange's 24/24 Actu, an intuitive, easy-to-use aggregator of the latest news from the leading news sources on the web, TV and radio, is one of those habit-breakers that improves lives, saves time and is truly useful!

24/24 Actu

The first all-news engine for TV, newspaper and radio reports



All the news you need to know in one click

Sports, economic upheavals and political events are covered throughout the day on television, newspaper web sites and the radio. But how can you find exactly the information you want when you want it? Very simply, on the Orange 24/24 Actu engine, which collects, sequences and organises not only web articles, but also radio and TV news from the leading French media. Just enter your keywords, and 24/24 Actu will find with the latest information on it: web articles and radio and TV news broadcasts exclusively on the topic that interests you.

All the news on a multimedia engine

24/24 Actu offers not only the latest news – simply and for free – but also a search engine that selects and ranks the best information from leading French media (e.g. BFM TV, Euronews, France 24, LCP-AN, Public Sénat, TV5 Monde, BFM Radio, Europe 1, Radio France, RFI, RMC, RTL, La Tribune, L'Equipe, L'Expansion, L'Express, Le Figaro, Le Journal du dimanche, Le Monde, Le Parisien, Le Point, Les Echos, Libération, Paris Match...). It's a new way to go straight to the news you're looking for.

The latest scoop from all media

News junkies have now found the tool of their dreams, complete with ongoing updates. In presenting the news, 24/24 Actu brings together the best names in online news as well as sequences from TV and radio news.

24/24 Actu takes you straight to the web page of the article in question (not to the site's home page) or to the audio or video sequence on the topic – there is no need to watch the programme from the beginning. The diversity of sources allows you to forge an informed opinion on the news.

Topics include international, politics, society, economy, sports and culture. Archives are kept for one month.

Find out more

- Partnerships with the major French media
- Available for free to everyone on the internet
- News reports come exclusively from professional media sources
- A service based on a simple, user-friendly multimedia interface.

Coming soon...

- Beta version available on invitation mid-April 2009.

Go to www.orange-innovation.tv/la-collection to watch video on 24/24 Actu and the launch conference on 30 March at MIP TV in Cannes

When innovation flows naturally

Orange's creative solutions are those that make you think, 'Hey, why didn't anyone do this before?' Step by step, Orange is leading us to the seamless age of the easy-to-connect home and office.

Thanks to the new Livebox, for example, all digital equipment in the home can be easily interconnected. Multimedia content (music, photos, video, text, etc.) can flow from one device to another, whether it's a PC, TV set, mobile phone or the Tabbee tablet computer. And now the TV set and home stereo can also be connected to the internet!

Orange customers can manage their multimedia content at any time, no matter where it is stored, by simply using their mobile phone as a remote control.

With the arrival of iPhone TV, the iPhone becomes a TV screen, allowing users to watch their favourite programmes wherever they are.

Visual Voicemail facilitates the management and direct consultation of a specific message, a service also available in SMS form so that it can be used on all mobiles.

Orange also offers new services for its customers in countries where the telephone infrastructure is mainly mobile to ensure that the mobile experience of instant messaging is close to the PC experience.

Finally, innovation helps improve our working lives and company productivity by making it possible for executives to cut back on travel thanks to Telepresence, for example, and by improving the security of health professionals' electronic data transmission and storage.

The latest Livebox, fresh out of the box



Simplify digital uses at home

For its fifth anniversary, the Livebox has a new design and new features that will further simplify your life. The heart of your multimedia network, it now allows you to share movies, photos or music from your PC or Home Library on the living room TV or stereo.

Simplified, high-speed connections for all devices

Now it's easy to connect all your Wi-Fi devices without entering that tedious WEP code thanks to WPS (Wi-Fi Protected Setup) and the Wi-Fi pairing button on the front of the Livebox. And it works on Wi-Fi n, which is twice as fast. Completely redesigned, with sleek lines, it can now be stacked on top of a TV Set Top Box. And the highly contemporary new Livebox offers more while consuming less.

It is more economical – it consumes less energy – and has two buttons that make it easy to turn it and Wi-Fi on and off.

Its environmental impact has been further reduced thanks to the use of recyclable materials and optimised packaging.

And with this Livebox, you can switch from ADSL to optical fibre without changing your equipment.

Find out more

- Wi-Fi n is twice as fast as Wi-Fi B or G
- Four Ethernet ports connect devices to the network via cable
- A WPS Wi-Fi sync button on the front simplifies Wi-Fi connection, eliminating the need for tedious WEP key entry
- Works with either ADSL or optical fibre
- New power button
- Wi-Fi can be turned off when desired to save energy
- The new Livebox uses the UPnP (Universal Plug & Play) standard (recommended by the DLNA [Digital Living Network Alliance] forum) to allow sharing of all digital content stored on computers, hard drives (including the Home Library) and flash drives. The content can be accessed on all devices: PC, TV, stereo
- With its new UPnP media server, the Livebox enables other home network devices to read the contents of a flash drive or hard drive connected to one of its two USB ports.

Coming soon...

- When: early May 2009 in Paris and autumn 2009 throughout France
- Rental fee will still be €3 per month.

Discover the new Livebox on video at www.orange-innovation.tv/la-collection

Orange's new Set Top Box

Share everything on your TV set



New features

Orange's new Set Top Box not only offers high-definition TV, but also provides a free service that allows all customers to interrupt programmes and finish watching them later. A digital video recorder on a hard drive is available for those who choose this option.

Your increasingly interactive TV set can display all your personal content

Just back from an exciting trip? Rather than crowding the whole gang around the PC screen, why not share your memories on the TV set while comfortably seated on the couch with your friends.

Orange makes your life easier by allowing you to show all your content on your TV. The new Orange Set Top Box, which is DLNA compliant, lets you display content that is stored on other devices in the home, including the Home Library or PC, and has two USB ports to allow you to show other content as well.

The new Set Top Box also gives you access to your personal content and a range of useful interactive services (traffic, weather, news, celebrity news, etc.).

Find out more

- Compatible with all Orange digital TV broadcast channels over ADSL and HD digital terrestrial television (DTTV) and satellite in 2010
- Receives Orange HDTV
- Allows interruption of TV programmes to be watched later
- Digital video recorder (for those who subscribe to the option) with 160 GB hard drive
- A new feature, DLNA (Digital Living Network Alliance), allows sharing of multimedia content, including that stored in a Home Library
- Two USB ports allow users to connect joysticks, flash drives, hard drives, etc.
- A practical design allowing it to be placed underneath the new Livebox
- Optimised packaging takes sustainable development into account.

Coming soon...

- When: at the end of 2009 in France
- Provided for free to all new Orange TV customers (with €49 deposit).

Hi-Fi Adapter:

Stereo sound for digital media



Let the music play – in stereo

Podcasts, web radio and audio files have revolutionised the way we listen to music and other audio files, but we have lost something in the process: high-quality sound. Instead of letting your stereo gather dust in a corner, you can now have the best of both worlds by listening to digital music and web radio every day on your home stereo or cinema, with the help of an easy-to-use device offering improved sound quality.

More choices, more sharing

Take advantage of improved sound to listen to web radio and digital media files from a PC or Home Library on a stereo or other audio system. This Wi-Fi-connected device has an ergonomic screen and an easy-to-use remote control that allows you to browse files or radio stations and control the volume.

Hi-Fi Adapter lets you listen to web radio, podcasts and your favourite music on your stereo or home cinema and share them with your loved ones, all for a minimal price.

One more step towards the Digital Home, the device simplifies interaction between devices. And you can listen to the radio and podcasts even when your PC is turned off!

Find out more

- This accessory is compatible with all stereos, even the oldest: it allows you to extend the home network to the stereo by connecting to its sound input and taking advantage of Orange services, including Liveradio
- A standard jack links the Hi-Fi Adapter to a stereo (or other audio system)
- The box has an ergonomic screen
- Connects to the Livebox via Wi-Fi, eliminating the need for an internet cable
- Enables access to shared files in the Home Library or connected PCs
- Accesses web radio directly through the Livebox as well as all other services and audio streaming offered by Liveradio (podcasts, favourites, editorial content), with no computer needed
- Accesses Orange's web music services
- Users can listen to digital music files (MP3, AAC, REAL, MP3, WMA, WAVE, without Microsoft DRM rights) by connecting a USB memory stick to the Hi-Fi Adapter.

Coming soon...

- When: Q3 2009 in France.

Tabbee

The whole Web at your fingertips



A new screen for the whole family

Need to find some information on the web but don't have time to start up your PC? Are the kids monopolising the computer? Tabbee was made for you. This tablet computer offers quick, easy access to multimedia content anytime, anywhere in the home.

A small portable touch screen, always online

Tabbee is a small, user-friendly Wi-Fi-connected touch-screen tablet for home use. It gives the whole family direct access to the web, practical services (traffic, weather, news, shopping, etc.) and shared multimedia content like photos, films, videos and music. The lightweight 7-inch touch screen can be used even when the PC is turned off. Just touch the screen to access web sites or shared home content from a PC, flash drive, memory card or the Orange Home Library, or to listen to web radio. Practical and compact, it connects to the Livebox via Wi-Fi, but is also compatible with the equipment of any other internet provider.

Touch and go to surf and share

Attractive and user-friendly, Tabbee is appreciated not only for its simplicity but also for the fact that it offers three hours of autonomy.

Tabbee stands on its base station charging until you pick it up to carry it wherever you want for a variety of uses. You might want to look up a recipe in the kitchen or check out the entertainment news in the living room. Use it like a message board and leave a “post-it” note on the screen for other family members.

That’s not all. You can also download a variety of web widgets from www.tabbee.com to give you direct access to the information of your choice.

Find out more

- Tabbee operates without any computer
- On Wi-Fi, works with any internet Service Provider
- Can read USB devices and SD (Secure Digital) cards
- High-quality sound when on its base station
- Three hours’ autonomy for intensive use
- Onscreen keyboard when needed
- Uses DLNA (Digital Living Network Alliance) technology.

Coming soon...

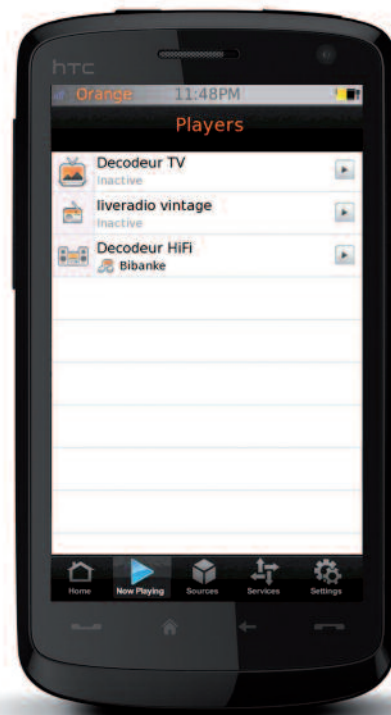
- When: Q2 2009 in France from specialist superstores or www.tabbee.com
- Suggested retail price: €299.

Discover Tabbee on video at www.orange-innovation.tv/la-collection

concept

Media Remote Control

A single remote to control all your digital content



Take back control of your digital life

Your music is on your PC, your videos on the Home Library, your photos on a flash drive. Why not free your content from the confines of its storage space and enjoy high-quality stereo sound when listening to music from your flash drive or viewing the photos stored on your PC on your TV?

With the Remote Media application, you can turn your home-sweet-home into a Digital Home.

Two versions of the multimedia remote

It's easy to control all your content, wherever it is, and share it on the device of your choice from your laptop or desktop computer.

To complement these personal usages, a special family remote control is provided for the home.

Total control for total connectivity

The easy-to-use interface allows you to quickly select content and play it on the device of your choice.

In one or two clicks, you can look at your photos or watch films on television (via the Orange TV Set Top Box) or listen to your music on your stereo (which is "connected" via a stereo decoder), Liveradio or any other device that is compatible with the DLNA (Digital Living Network Alliance) standard.

Sit back, relax and enjoy all your content on any device you like without even getting up!

Find out more

- The Remote Media application can be integrated into Wi-Fi mobile phones and the family remote for the Set Top Box
- Equipment required: the new Livebox (see description).

Coming soon...

- When: in 2010 in France.

Telepresence

Face-to-face meetings at a distance



Meet without moving

How can you increase your business's productivity while sparing your employees the fatigue and loss of time caused by long-distance travel?

Orange Business Services' Telepresence makes it possible to hold highly realistic remote meetings and save on travel costs while maintaining the kind of closeness that facilitates dialogue. This solution also helps reduce your company's carbon footprint, a challenge for all responsible enterprises.

Highly realistic virtual meetings

The Telepresence service allows you to hold video meetings with your employees or partners that are as realistic as physical meetings. That's true for both the high-definition image, with participants appearing life-size, and for the high-definition, spatialised sound. Telepresence is impressively naturalistic.

Any employee may initiate a meeting in one of three ways: by calling the remote site from the IP phone in the room, programming it on an Outlook calendar or calling the concierge service, which will take charge of setting up the meeting.

This solution, which uses Orange Business Services' global IP VPN network, is interoperable

with other company equipment (Polycom, Tandberg, etc.). Orange Business Services teams can facilitate the implementation and integration of these different systems if necessary.

Time is saved and fatigue reduced, for a more reactive company

In the Telepresence room, everything is set to go (screens, tables, cameras, etc.). One click and the meeting begins, whether your colleagues are on the other side of the country or in New York or Singapore. Avoiding unnecessary travel significantly reduces transport and accommodation costs, and increases employees' productivity.

Participants almost immediately feel as if they are in the same room, making meetings more effective and favouring rapid decision-making. Working this way also helps improve the balance between personal and professional life for everyone involved. And the company not only contributes to protecting the environment by greatly reducing its carbon footprint, but also benefits from a rapid return on investment!

Find out more

- Video traffic flow provided by Orange Business Services' IP VPN (Internet protocol virtual private network) secure global network, with guaranteed high-definition service quality
- Service offered in four Cisco Systems versions (CTS 500, CTS 1000, CTS 3000, CTS 3200)
- Turnkey solution delivered and managed by Orange Business Services: consulting, design, deployment, connectivity, training, assistance and maintenance
- Conferences can be point-to-point (between two company sites) or multipoint (up to 48 company sites)
- Up to 36 participants can be accommodated (with 18 participants in two rows on each site, using the 2 CTS 3002 configuration)
- Multiple cameras offer optimal visual restitution
- Spatialised 3D sound captures all nuances of speech
- Whiteboard and document displays help participants interact
- The concierge service, available 24/7, handles the planning and supervision of the meeting, and sends invitations to all participants.

Coming soon...

- The Telepresence service is already offered by Orange Business Services in 37 countries
- An intercompany service that allows multinationals to hold meetings between separate companies and the concierge service will be available in Q3 2009.

Medical Office: Medical Files Backup and Secure My Mail

A more complete, secure service environment for health professionals



Improved efficiency and security

Health professionals are legally obliged to preserve and secure medical data, and must also protect the confidentiality of their electronic communications. Orange's complete, secure Medical Office messaging and patient data storage solution also allows the integration of such services as office management software for health professionals, a day planner and online appointment booking, allowing healthcare professionals to combine everyday tools in a secure space while communicating easily and securely with their independent colleagues and hospital staff.

Number-one concern: peace of mind

Medical data are essential for a physician, who is responsible for their confidentiality. But local data storage has its limitations (possibility of loss, theft, etc.).

Regular automatic backups (which can be configured by the doctor) of medical data let physicians store files by using a simple interface accessible directly from the desktop, for total peace of mind. This online backup stores information on the Orange network, fulfilling security requirements for health data storage.

For added flexibility, this backup also allows doctors to access their files from any computer equipped with a French carte de professionnel de santé (CPS) reader and publishing software.

Extra security

Orange allows French physicians to secure their everyday messages by simply using their CPS. All communications from their workstations are encrypted and electronically signed to ensure confidentiality.

Secure messaging, part of the Orange Pro Internet package's Health Option, is billed along with other Orange services on one invoice, saving administrative time and costs.

Find out more

- Conforms to current EU security recommendations and French regulations for medical data
- Carte de Professionnel de Santé (CPS) required for validation
- These services work with tools already being used by French health professionals
- Orange, a leading web host and operator, guarantees quality of service and conformance to regulations regarding the separation of medical data from other types of data.
- Automatic online backup of data and easy, secure retrieval of online data.

Coming soon...

- When: Q4 2009 in France for Secure My Mail and early 2010 for Medical Files Backup.

Visual Voicemail:

two solutions for seeing, opening and listening to your messages



Simplify access to your voicemail

You've just come out of the cinema and are expecting an important message. You turn on your mobile and discover that you have nine new messages. But who are they from? It will take some patience to listen to them all to get to the one you're interested in. Orange ends this awkward situation with a simple, useful new service. Depending on the type of mobile you have, you can go directly to the message you want to hear by either using Visual Voicemail (available on most smartphones) or by clicking on an SMS alert (available on all phones).

Voicemail goes visual on smartphones

Visual Voicemail, available on high-end devices, displays a list of time-stamped voicemail on your screen, detailing the length of each message and who has left it (with contact name if it is in your address book or a phone number if it isn't). You can then listen to them in the order you prefer, manage them, save them on your mobile, even if you are abroad... and reply to them with a call or SMS.

Orange customers can benefit from the comfort and simplicity of this service across a large range of mobiles.

Find out more

- The Visual Voicemail application can be downloaded from the Application Shop or the Orange World mobile portal
- The application will be available on about 15 Windows and Symbian mobiles
- From Q2 2009, the application will be pre-installed on the compatible new phones
- The application displays the caller name and message length and time
- Messages are always available on the phone for consultation
- Service already included in certain Orange offers.

Coming soon...

Available in France from Q2 2009 and Q3 for Orange Business Services customers.

On other phones, an intelligent SMS gives you direct access to each message

What could be simpler than these SMS and Voicemail services? You receive an SMS for each message left in your mailbox, then you can go directly to a message by clicking on the link or dialling a special telephone number for it. You can see which messages have arrived at a glance and listen to the most important ones without taking the time to listen to the others first. The SMS gives you the name or number of the caller, and the time and date of the message. This free service replaces the current notification system. And, if you would like to listen to a message again, simply click on the link in the SMS again.

Find out more

- Automatically available on all Orange mobiles with no downloads
- Users receive an SMS for each voicemail message
- The SMS lists the caller's name (or number if not in address book) and the date, time and length of the message
- A link or special phone number takes you directly to the message.

Coming soon...

- Available for free from Q2 2009 in Belgium.

Discover Visual Voicemail in images at www.orange-innovation.tv/la-collection

Instant Messenger for all in emerging countries

Instant messaging at your fingertips,
compatible with Windows Live



Stay in touch with your social network and loved ones

Mobile telephony is booming in emerging countries, where the youthful population is eager to communicate and share with social networks. But how can people maintain constant contact with their loved ones when Internet connections are still limited or costly, especially for those who have no home computer or Internet access and must use web cafés? Now Orange offers an instant messaging service (that is widely used in this market) on any mobile phone.

Free application, available to all

This application embedded in the Orange SIM card, allows easy and direct connection to the MSN community from a mobile phone. With this new service, users have immediate access to their contact list from their mobile phone and know which contacts are online and available to chat. The history of each chat is preserved on the phone. The service offers the best of instant messaging on any mobile.

An efficient, low-priced solution: the user controls consumption

No more interrupted conversations because users have to leave a Web café; they can continue the chat they began on a computer on their mobile phone, or vice versa, without giving it a thought, since no configuration is required. This instant messenger is compatible with all MSN users on any mobile phones, even the most basic. Users know exactly how much they are paying and can control their usage accordingly.

Find out more

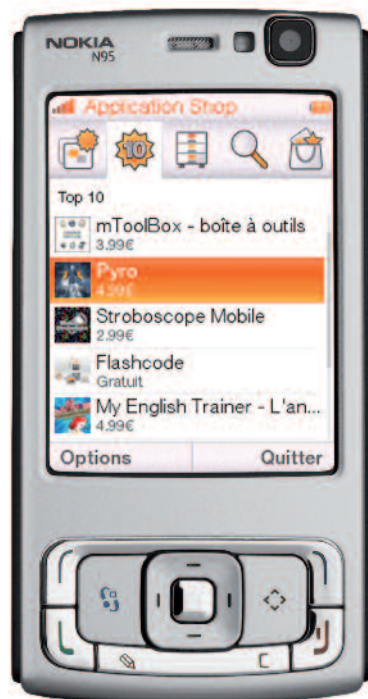
- Application embedded in SIM card
- Compatible with all mobile phones
- Pay as you go: no subscription or web access required
- Direct access to MSN profile, with the same login and password
- New MSN accounts can also be created by phoning Orange
- Several MSN names can be used on the same SIM card.

Coming soon...

- When: May 2009 in Kenya; Q3 2009 in Mauritius and Botswana.

Application Shop

Mobile applications adapted to each mobile phone



Easy-to-download apps

Installing an application on your mobile phone can be a time-consuming battle that requires finding the application, paying the publisher for it and installing it, and finding it on their device once it is installed. Orange's convenient new Application Shop facilitates the process, no matter what type of mobile you have, from the simplest Java device to the most sophisticated smartphone.

A pertinent selection adapted to you and your terminal

The Orange Application Shop is a catalogue of practical and enjoyable applications that are fully compatible with your mobile phone. Along with entertainment like IQ tests and horoscopes, Orange will also offer practical applications like first-aid instructions, dictionaries, translators and currency converters, plus an exclusive application, 'Light Sabre', for phones with motion sensors.

Take advantage of our mobile gaming expertise

If you like Orange's games, you can keep right on playing them with these applications. Thanks to you, Orange is now a recognised European leader in mobile gaming, and now these applications let you take advantage of our expertise.

A catalogue that just keeps getting richer

A breeze to find, download and locate, these applications were chosen by Orange for their high quality, practicality and ease of use. You can search for them by category or ratings (such as the 10 most downloaded or most recent).

The applications come from a variety of sources: leading publishers and aggregators, Orange Partner developers and our own Orange Labs teams for Orange applications.

Thousands of Orange Partner members can now submit their applications on multiple mobile platforms for all the countries in which the service will be available, using a fast, efficient, centralised process.

Boost your mobile's functionality with peace of mind

You can be sure that the applications you download have been tested and approved by Orange for your type of mobile. You can even try out some applications before purchasing them.

Certain applications are free, while the price for those that aren't is clearly marked. And, since the application is billed to your Orange mobile account, there is no need to enter your credit card info when you buy.

Find out more

- Easy to browse, download and manage
- Catalogue tailored by different countries to their local market needs
- No credit-card payments; charges appear on Orange invoice
- Some applications are free, others cost up to €12.

Coming soon...

- Application Shop is already available in France for some handsets and will be widely available in Orange countries from Q4 2009 as pre-installed on new phones and downloadable for existing customers starting with France and UK.

TV d'Orange

The first French live TV application for your iPhone



TV programmes at your fingertips

No TV around and you don't want to miss a major sports event, the news or your favourite TV series? Now all of them – and more – are just a tap away on iPhone!

Orange has optimised the mobile TV player application to take full advantage of the iPhone's innovative Multi-Touch user interface to provide a high-quality and intuitive TV viewing experience.

Great TV experience

Orange has tailored its successful Orange TV Player application to make live TV a reality for iPhone users. Orange customers can choose from more than 60 channels to watch their favourite programmes wherever they go.

A user-friendly interface

You can easily check what's on TV with access to a complete and detailed TV guide, switch channels in one swipe and comfortably watch programmes on the beautiful 3.5 inch display.

Find out more

- Available to Orange customers from Apple's App Store on iPhone at www.itunes.com/appstore/
- Supports iPhone and iPhone 3G
- Over 60 channels available
- Full-screen display for maximum enjoyment
- A thematic TV guide with a programme summary.

Coming soon...

- 7, April, 2009 in France.

Discover iPhone TV at www.orange-innovation.tv/la-collection