



# DEVELOPMENTS FOR MOBILE PLATFORMS



(Central office) Málaga  
Parque Tecnológico de Andalucía  
C/ Marie Curie, 3, Edif. Premier II  
Campanillas -Málaga  
95 202 85 85 Fax: 95 202 06 66

Sevilla  
Eurocei, Centro Europeo de  
Empresas e Innovación, S.A.  
Autovía Sevilla a Coria del Río,  
km. 3,5 41920 San Juan de  
Aznalfarache - Sevilla  
95 417 38 65 Fax: 95 202 06 66

Madrid  
Calle Orense, 36 - 1ºD  
28020 - Madrid  
91 417 12 90 Fax: 91 770 18 69

Barcelona  
Edificio Trade  
Gran Vía Carlos III nº 84,  
3º 08028 - Barcelona  
93 496 57 17 Fax: 93 496 57 01

Mobile platforms are a fast-developing technological ecosystem. They represent an exciting time for technology, and here, at Grupo Arelance, we are responding to this challenge in a company culture of continuous research, allowing us to gain a depth of knowledge of these new platforms and provide our development teams with the benefit of this knowledge and our close monitoring.





# OUR SKILLS

We are focusing our business development in two areas of mobile platforms:

**Platform abstraction.** Platform abstraction is compatible with development of the main mobile platforms. To get the best performances from devices, we use indirect software and hardware operating frameworks for devices. This type of approach offers the advantage of one single usable development for business mobile platforms or heterogenous users.

**Using the platform.** To make the best use of devices, both at software and hardware level, platform development offers the best approach. This is the best way of getting the most out of our systems, operating system and installed applications.

## THIS IS MUCH MORE THAN MULTI-FUNCTIONAL HARDWARE

Are you aware of the infinite business opportunities that these devices offer us?

**Camera.** Used for collecting graphic data at any time, for scanning documents, interpreting bar codes (linear, 2D QR...) and even for recognising patterns and program interpretation (facial recognition, OCR [character recognition], etc.) Augmented reality is another of the impressive functions available

**NFC.** Widely accepted, not just as a safe and convenient method of payment, but also as a way of immediate identification by location, data recognition, and the sending of data in small amounts, ideal for product identification systems, packages, delivery notes, etc.

**3G Communications, Bluetooth, Wi-Fi,** among others, offering constant communication in any location. The “push” refers to the sending of information and actions from a centralised or remote system to one or a group of devices (work orders, commercial information, suggestions, etc.)

Georeferencing. Devices are immediately locatable using both using **GPS** or triangulation, making possible the use of all kinds of GPS functionalities (itineraries, monitoring, best routes, localisation, inventories, among others.) Others Giroscopes, compasses, barometers and most of all, continuous access to private and public Clouds.

We provide our clients a team of professionals who are highly skilled in the development of abstract platforms and main platforms:

- **iOS** for both iPhone and iPad
- All versions of **Android** for telephones and tablets.
- **BlackBerry** and RIM platform
- **Windows Phone** and earlier versions using .NET platform for devices
- **Phonegap, JQuery Mobile, Flex, etc.** for platform abstraction
- Development of **Web and Cloud.** Applications adapted to your vision, in multiple devices

### Principle areas of work:

Integration of back-end systems with mobile platform. This allows us to show the functionalities of the company in the devices, and to implement abstract bridges.

Logistics applications make the best use of the functionality of devices at a low cost, and are integrated in a single application linked to the centralised systems. OCR and NFC code readers. Monitoring, georeferencing and routing. Task management and work orders. Optimal location of packages. Picking and packing, among others.

Mobile CRMs centralised in applications which allow settings for the gathering of data to be shown in dynamic form on screen, according to the car user.

Adapting the devices operating and software systems to various profiles and uses, limiting and adapting the standard functionality.

Free applications for clients to encourage loyalty and allow access to information and promotional products.