

# IMTLazarus

## Analysis & Performance

Our goal at IMTCloud is to provide solutions for people through a global integration of the varied technologies currently in our environment.

During the last 10 years, IMTCloud has focused on this endless attempt of renewal and innovation, thus proposing currently a new integrative model of mobility management, through IMTLazarus service.

We are introducing the diverse features that we are developing throughout education centers, and we want to focus once more on the key importance that this process demands from an active involvement of students, teachers and families, to achieve goals related to any educational activity.

IMTLazarus is a proposal of comprehensive service, for those educational centers that are considering or already facing a change towards a digital model and implementing the use of mobile devices.

It has to be closely considered, during the process, if the center already has an internal mobility coordinator and his or her level of experience, as well as the types of devices he or she has worked with. Likewise it is important to know if the current environment is already linked to a certain MDM or if that process needs still to be done.

Furthermore we need to know the policies that the education centers have implemented in terms of security and responsibility in both, inside the school and with the families, or even if they are still in the process of assessment.

## **I. IMTLAZARUS, STRATEGIC ENVIRONMENT**

### **Starting point**

The use of mobile devices is developing at an unceasing pace, and is lighting new scenarios and providing access to new resources and opportunities for teaching and learning, which allows –on one hand- a deep pedagogical improvement to live out, and on the other, a methodological conversion of the education trends, from a markedly innovative perspective.

Mobile technologies' generation has entered so much within the economic and social network that the scope has become already irrevocable, and has generated a great demand to which the education industry must necessarily answer to.

## **II. IMTLAZARUS FOR MOBILITY & THE 1TO1 MODEL**

We want to highlight that the IMTLazarus service is the outcome of a thinking process performed with the participation of teachers from different schools, along with their opinion of ICT managers and the contribution of several experts.

When deploying projects 1TO1 (1 device per each student, as main support for the teaching and learning process) the acquisition of new equipment must be smartly forecasted avoiding to do it impulsively or as a reaction to fashion or bargains.

It is key to set up a clear reference line for all educational centers, beyond biased interests to use a specific technology or device or solution brand.

### III. REMARKS FOR OUR IMTLAZARUS ECOSYSTEM

It is essential not to be focused on ICT's themselves, but in the positive impact that they may apply within the educational center and the students (provided skilled and qualified teachers), based on the numerous options of management, communication and educative innovation available.

IMTLazarus service has been conceived to work in a parallel way with the three areas over which any management process should take action.

**1- Infrastructures and equipments:** Hardware, software and any type of device network, being real or virtual.

**2- Processes:** Use of ICT's in the diverse teaching, administrative and management, and information and communication processes, understanding these processes as a set of activities developed to achieve a certain outcome.

**3- People:** Organizational changes within the center, digital skilling profile demanded by teachers, their training and skilling, their involvement with their daily deployment in terms of digital teaching and its impact in the school information and communication ways, are the human aspects needed to make the whole machine of the project to work smoothly.

And given that this a transforming and changing process, IMTLazarus service focus on people, whom are clearly and undoubtedly defined as the focus point of the whole project, ahead of equipments, contents, or digital resources.

We will identify the necessary starting point to carry out a right assessment and resources deployment that may be required, internally or externally.

Giving special attention in guaranteeing basic infrastructures and an agile and efficient technological maintenance is an asset for us.

It is necessary to be at least in the range of intermediate to advanced level for IMTLazarus service deployment.

**1. Basic:** Level in which educational centers have started slightly a digitization Process, even though not still framed into a defined project.

**2. Intermediate:** Level in which important progress has been made in the digitization process, adopting strategic decisions, but in which there's still a way to go, specially talking about pedagogical and methodological transformation.

**3. Advanced:** we refer to those centers that are already deploying their ITC Action Plan, that have appropriate infrastructure and technological equipment , that have gone through significant changes within their organization and in which the teaching body is in the middle of a pedagogical and methodological transformation process , developing new teaching and learning ICT based strategies.

**4. Excellent:** Conceived as a very high level as a reference to which all centers should aim, in terms of the most advanced tendencies of innovation and pedagogical and methodological transformation supported by ITC.

# Key ideas to bear in mind

## **1. It's time to get under way**

The introduction of mobile devices into educational centers is a process that will grow exponentially in the oncoming years. Educative systems and society in general will evolve in such a way that the said introduction of mobile devices will become essential to all canterers.

## **2. Every project requires a planning**

Mobility process requires a logical planning and a realistic schedule in a very precise time frame; it cannot be done on the spur of the moment nor act impulsively.

## **3. One-size-fits-all solutions and identical centers do not exist**

Every mobility process will must be aligned with every single environment and educative community, fulfilling their uniqueness and answering their needs in an adjusted and accurate way-

## **4. To guarantee harmony among all playing aspects**

Coordination and coherency among people, technological resources and educative dynamics, should be guaranteed. If they are not deployed in parallel, the success will not be guaranteed.

## **5. People, the reference axis**

Since we are dealing with a changing process, people should be the reference axis, around whom the project must pivot, ahead of equipments, contents or resources.

## **6. Management Teams, driving force of the process**

An unwavering and sustainable commitment with the process, from the management teams, is a key condition for the effective integration of mobile devices in the classrooms. The Action Plan must be integrated accordingly into the Management Plan and has to adopt the required measures for an accurate achievement.

## **7. Mobility coordinators of each center are the process' responsible ones**

Mobility coordinators are the key actor for the accurate development of the actions they will deploy within the educational centers.

## **8. Teachers' digital skilling is an unavoidable necessity**

Teachers' digital skilling becomes an unavoidable necessity, given that this goes beyond their own learning and should be used to transfer to their students new innovative methodologies and teaching and learning ways supported on ICT resources.

## **9. Do not let a certain device technology dazzle yourself**

Technologies are not above one to another; they are just different among them and all can be useful for their own purposes at any given time. However, before taking a decision of which one to choose, it is more than convenient to search deeply and to find out the expected results and the diverse consequences that the use of main actual technologies inside the educational industry may imply, in order to be able to choose adequately with enough proven inputs.

## **10. Putting into practice and acting in the classroom while they keep learning**

Training all teachers, in a planned way, with adjusted features to each participant, with immediate practice orientation and with a direct impact on innovation and methodological transformation in the classrooms, is crucial for the project success.

## **11. Changeover from printed textbooks to digital ones gradually**

Changing from printed textbooks to a genuinely digital support has to be done gradually and properly dosed. Current textbooks are not valid in a digitized version. We have to go towards a full digital alternative in terms of methodology, contents and educational processes.