

BITSPEC

**Your company wants eLearning
courses and certifications to be
available on all devices
(mLearning)!**

When an organization is ready for mobile learning?

- There are many details that will be required prior to deciding whether the course should be displayed on all devices:
 - **Population:** What is the population that will take either eLearning or mLearning courses? (age, access to technology, training, knowledge and education level etc.)
 - Know the statistical data before proceeding because this is the population that will register for the course, certification etc.
 - **Design the course** presentations with proper functionalities.
 - If you offer a certification program, consider that the design phase needs to be done based on historical data. Each person has a different way of learning therefore the course design will need to be user friendly and designed to address most of the challenges that a user will encounter.
 - Decide on how to design (slides, videos, speed, etc.) and what functionalities to add such that users will not become frustrated to give up on learning and/or certification.
 - Each program that can be converted into an e-,m- Learning needs to make sense from a ROI perspective (Return-on-Investment). In a future presentation we will calculate the ROI for e-,m-Learning.

Know your LMS capability first!

- There are several LMS's available on the market, but you will need to know how many are ready to present mLearning on all devices.
- ***If your company is in the process to acquire an LMS then this step will become your starting point***
- If your company has already an LMS, this is the first question you will need to ask! Is their system available on all mobiles and IT systems?
 - If the answer is "yes" than you need to select the Articulate package that is either Studio 13 or Storyline . You will not be able to use Articulate Studio 09. i.e. iOS devices do not have flash therefore will not be able to see the slides.

Do the "homework" properly before proceeding any further!

It has to make sense for videos to be inserted on slides

- Remember that the reason we learn by using technology is to learn faster therefore the videos that you will present will need to help the learner!
 - This is one of the main reason that videos have been inserted: **To help the learner by explaining or showing how to do certain things!**
 - If quality and video resolution are low, leave them outside of the slide presentations because people will become frustrated with poor quality video.

It has to make sense for videos to be inserted on slides

- Check the video quality on mobiles and ipads etc. before proceeding any further. Technology is capable to produce HD movies but if your LMS can not upload large files as part of SCORM (zip) then there is no need for large size files to be created. Also, if you need to resize the files, your time spent will need to be recalculated, and ROI will be impacted.
- Forcing videos on slides might interrupt the entire process of learning unless the information is part of the learning and certification process. Never insert videos on slides if they are not part of the entire content. The videos need to make sense from a learner perspective!
- There are some min. requirements regarding the course time when dealing with certain certification programs. In many cases those standards were transferred from in class programs and in majority of cases are useless. **The era of technology implies also fast learning therefore a review of all standards is required.**
- The learning efficiency and its effectiveness should become compressed rather than extended. It is important to know the min. requirements such that course design is efficiently used by the user.