

The development of a smart desk for teamwork projects

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A new concept for an ergonomic smart desk with the objective of improving teamwork, this proposal has been put forward by Pynk Systems, a company created by an entrepreneur from the UC3M Science Park Business Incubator. Credit: uc3m

New technologies are changing the way people work; in recent years, many companies have tended towards using large open plan spaces, without individual offices, which help to facilitate teamwork. With this in mind, Pynk Systems is launching a new work concept called the "Ergon Desk". This smart desk has an ergonomic design incorporating

movable elements, which can be adapted to both laptops and tablets; it is controlled by an application.

"At the start of the working day, we will be able to log-in at our [work stations](#) and the desk will respond by recognizing our work configurations, our height, both seated and standing, and our preferences for the desk's degree of inclination", explains David Mata, Pynk Systems' CEO.

Each desk can be operated by foot and is equipped with sensors which are able to learn from user behavior patterns and, therefore, recommend posture changes and rest breaks based on the ergonomic criteria that best suits the user's way of working. David Mata goes on to point out that "there are around thirty five medical conditions associated with the sedentary nature of desk jobs, and the Ergon Desk helps to minimize these ailments as well as increasing productivity during the working day".

According to the creators, the [ergonomic design](#) of each work station optimizes office space by offering the same work area, but taking up thirty percent less space than a conventional distribution.

Pink Systems' CEO adds, "Entering the UC3M Scientific Park has been instrumental not only in supporting us in the design of the product and the incorporation of the most advanced technologies, but also in publicizing its launch."

Provided by Carlos III University of Madrid

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