

CISTalks

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Open to the public. All are invited.

Mini PC Revolution: From Desktop to Handhelds

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Abstract

“Minicomputer” is the name usually given to the small, inexpensive, laboratory-oriented computers first developed in the 1960s and early 1970s. The Digital Equipment Corporation (DEC) PDP-8 is generally considered as the first, and quintessential, mini. Mini PCs (MPCs) are today beginning to make significant inroads into the ICT market, as an increasing number of people and organizations recognize the enormous benefits they can offer.

The confluence of networking, computing and storage capacities in the 1990s and 2000s – coupled with the open-source culture for software development – led to the development of technologies that were increasingly focused on catering to the needs of the individual user, enabling new functions that allowed technology to enter every area of our lives. The way we use PCs has evolved in parallel with these technologies and soon individual users turned to the PC as the preferred device to carry out an ever-increasing number of activities: communicating, working and studying, making online purchases, managing our money, and entertainment.

The MPC is regarded to be the next evolution in desktop PCs for most, since these devices offer enormous reliability, thanks to their solid-state drives (SSDs) which have no moving parts. Furthermore, their small size means they are also less likely to suffer damage and also make it easier to ensure the equipment is safe and secure.

Biography

Uğur T. Kaplancalı has been teaching at Yeditepe University since 2009. As an economist by education, he received his PhD in management of information systems and technologies from Claremont Graduate University. His research interests include design and development of interactive learning environments in virtual worlds, gaming for leadership, fintech, and coding education for pre-school children. For more info please visit faculty’s [website](#).