

## **C4I SYSTEMS CONCEPT: DEFINITION AND DEVELOPMENTS**

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### **I. INTRODUCTION**

**T**he fast developments in technology and, especially, in the information field cause major changes at all levels of human activities, the military one included.

In our approach, we could start from the *Microsoft's* father, Bill Gates's statement that "The instruments of the industrial period extended our arms' capacities. The instruments of the digital period extended our mind's capacities".

Since the advent of the Internet networks in '60s (Arpanet network was developed by, and started to work for, the US Department of Defense), the tremendous, worldwide development, has extended to the underdeveloped countries too. From a few hundreds users, especially the governmental institutions, universities and R&D institutes, in December 2008 the world wide web extended to 1.6 billions, which represents a penetration degree of 23.8% of the world population.