Abstract— The political-military crisis of 2013 destroyed the Central African education system. Armed groups occupy 80% of the territory. They often use school buildings as base camps, playgrounds as shooting ranges and transform desks and chairs into firewood. Due to insecurity, most of the qualified teachers have abandoned their posts to stay in Bangui, the capital of the country. School-age children are left to their own devices without education. This constitutes a danger to peace, security and the socio-economic development of the country. Going to school, learning to read and write is a right that all children should enjoy.

In this article, we propose a digital elementary school solution in conflict areas with moodlebox to enable these children to learn with the assistance of the teachers-parents.

The methodological approach of our solution is based on the use of raspberry pi 3 b+ on which we deploy moodle for all elementary school classes. The solution does not need the Internet or network infrastructure to work. Each student is equipped with a tablet that allows him/her to connect to the digital elementary school platform via Wi-Fi. Teachers recruited and trained in these areas provide the necessary support for children to master the digital tools for their education, and the teaching model is based on active learning. Course content is prepared by qualified teachers and integrated on the platform.

This solution contributes on the one hand to the mastery of Information and Communication Technologies for Education by primary school students in a constantly changing technological environment; on the other hand to the improvement of schooling, the consolidation of peace, security and socio-economic development, thus facilitating the emergence of good governance and democracy in Central Africa.

Keyword— Education system, conflict zone, digital elementary school, MoodleBox, active learning, Wi-Fi.

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