

## The Scheme of Synthetic Forces Express Based on Vega Grid

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### ABSTRACT

The Synthetic Forces Express is developed by USA for military simulation. It is important to our nation for modern military development. The Vega Grid of our own is really a perfect solving scheme for SF Express. The rest of the paper is organized as follows: In Section 1, we give an overview of the Synthetic Forces Express. In Section 2, we introduce the architecture of Vega Grid. The Vega Grid Based Configuration for SF Express will be discussed in Section 3, including task disassembling and syncretizing with Globus. At the conclusion of this paper, we also point out the aspects for further work.

**Keywords:** SF Express, Vega Grid, Globus