Intensive Care Cloud, is based on previous efforts that led in the design and development of **Intensive Care Window**, ICW software application. ICW is deployed as a bedside controller as a single PC application. Current deployment faces several limitations in processing power and storage capabilities. Real time data acquisition and analysis (vital signs, physiological parameters, waveforms, etc) requires: a) Huge data storage capabilities and b) near real time diagnosis. Real time analysis to achieve complementary or computer-aided diagnosis includes signal processing and data mining over a huge data pool.

VENUS-C has provided seed funds for 15 Pilots to support the testing and deployment of its Cloud infrastructure. The pilots span applications for architecture, biology, bioinformatics, chemistry, earth sciences, healthcare, maritime surveillance, mathematics, physics and social media. Venus-C platform will provide a solid solution in both aforementioned issues using Venus-C data storage and processing capabilities combined with elasticity features.

For more information visit our local website

Funding Agencies: