

# ALERT-2 Protocol Development

A proposal submitted to:

National Oceanic and Atmospheric Administration (NOAA)

In response to:

FY 2007 Small Business Innovation Research (SBIR) Program Solicitation

Submitted by:

Salo IT Solutions, Inc.

## Abstract:

Salo IT Solutions, Inc. (SaloITS) will design and implement the ALERT-2 protocol, a next-generation suite of network protocols that will provide enhanced services for Automated Flood Warning Systems (AFWSs). The focus of this Phase I project is to create and develop a consensus within the ALERT community in support of an ALERT-2 Requirements Specification document and an ALERT-2 Protocol Specification document. The Requirements Specification will record the unmet needs that a next-generation protocol for automated flood warning systems should address. Its audience will primarily be users and operators of ALERT systems. Its purpose is to provide a benchmark against which the ALERT-2 Protocol Specification can be evaluated. The Protocol Specification will be a technical document that will be mostly of interest to vendors, and perhaps a few technically sophisticated users and operators.

## Awarded:

Contract DG133R07CN0175, July 16, 2007 – January 15, 2008.