

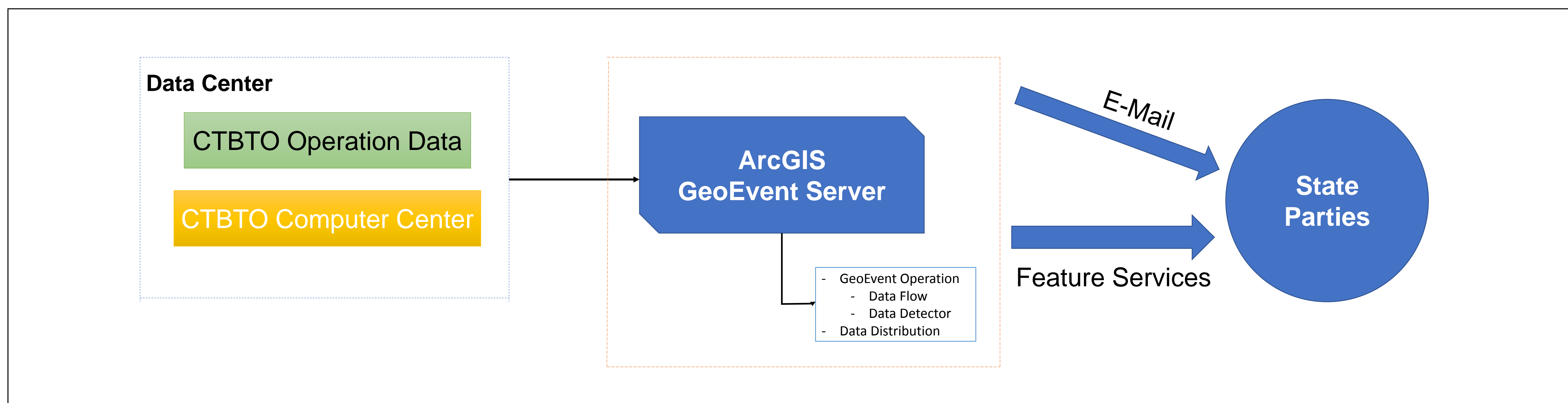
Introduction

Network optimization plays an important role as information technology is growing at exponential rates especially with CBTBO Operations and computer centre producing large volumes of data and thus consuming larger network bandwidths. However, if proper network optimization is not in place, the continuous growth can add strain to the network architecture of the concerned environment or organization.

In this paper, to evaluate the network optimization conceptual model, proposes Geography Information System (GIS) capabilities, a GeoWebEvent method as a tool to monitor traffic data. The following result will be produced: improve network performance and eliminate data redundancy of real time continuous data from end to end.

The conclusion with regards data traffic flow from CTBTO Operation data centre to IDC and member states will be cost effectiveness, reliability, and security using Geography Information System GeoWebEvent for spatial decision support

Concenptual Framework: GeoEvent method to improve network optimization of CTBTO operation data



Research Objectives / Result

Main Objectives:

Geography Information System Capabilities: GeoEvent method to improve network optimization of CTBTO operation data

Sub-Objectives:

To use GeoEvent method to monitor traffic data.

Result:

Eliminate data redundancy of real time continuous data from end to end.
Optimized distributed network data

ArcGIS GeoEvent Server Data Flow

