Thinking in 360 Degrees. Making it Happen.

# Trapeze Group
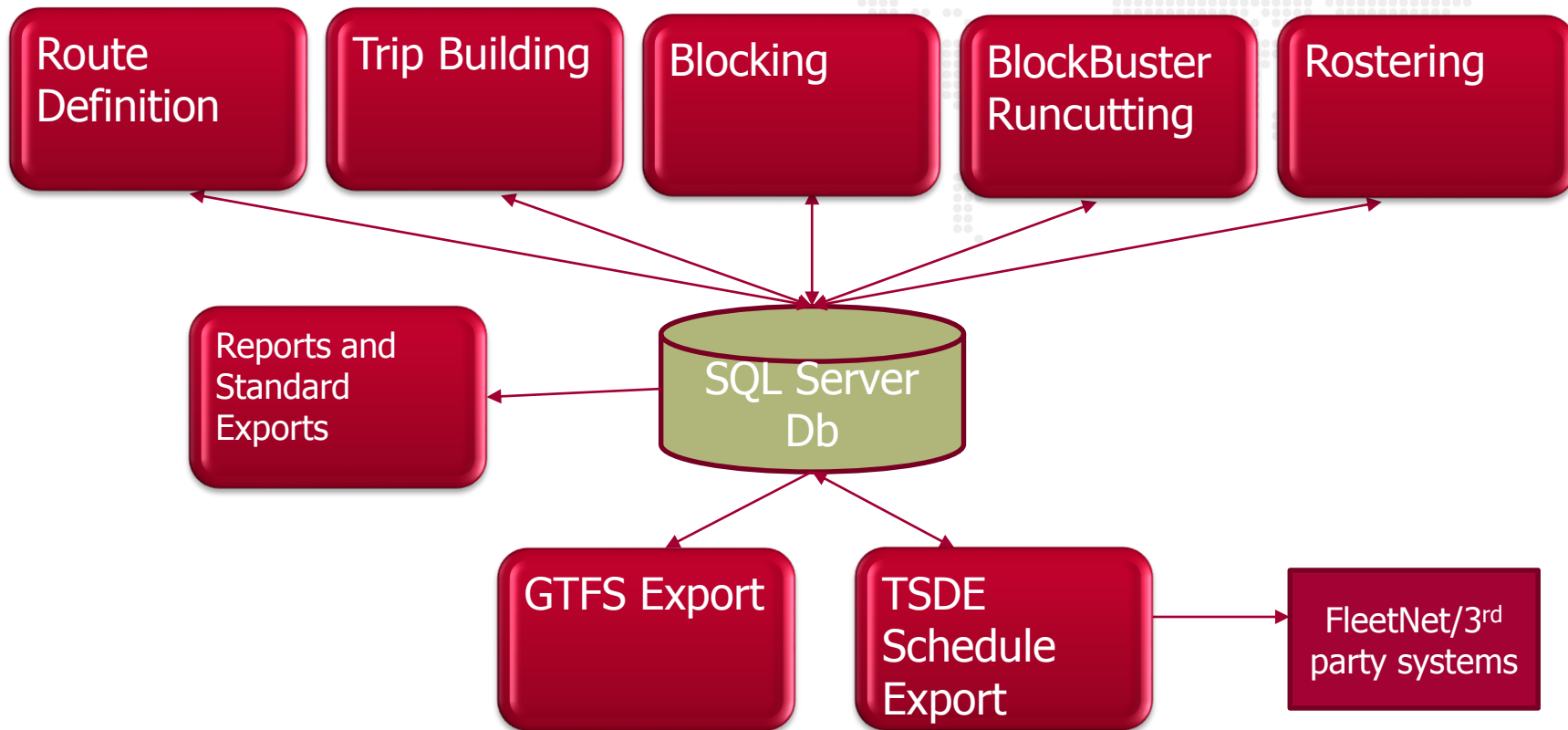
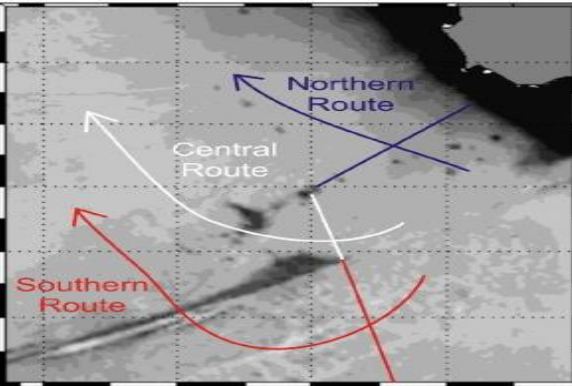Presentation to RTS Gainseville – December 2nd, 2015

# System Overview

# Route Definition

Route Definition

Trip Building

Blocking

Runcutting

Rostering

- Comprehensive tool to define your Route Infrastructure
- Build and Manage Patterns
- Easily Define Route Traces using GIS Tools
- Draw Route and Auto Extract Nodes/Stops
- Select Stop Patterns for Downstream Systems

# Trip Building

### Route Definition

### Trip Building

### Blocking

### Runcutting

### Rostering

- Single or multi-route trip building function

- Build Trips Manually or Utilize Numerous Tools

- Setup Runtimes (Pattern/Node to Node) for Various Times Throughout Day

- Build off Existing Trips for Transfer Management

- Assign Exceptions and Vehicle Types as Required

# Blocking

Route Definition

Trip Building

Blocking

Runcutting

Rostering

- Comprehensive module to assist in the optimization of your vehicles

- Block using Automatic or Manual Tools

- Adjust Parameters for Blocking Rules

- Utilize Statistical Tools for Reviewing Blocks

# Runcutting

Route Definition

Trip Building

Blocking

**Runcutting**

Rostering

- Allows Schedulers and Managers to Relate to Both Time and Pay

- Parameter Settings User-Definable (Run Types, Costing, Penalties)

- Uses a Dollar Penalty Approach for Balancing 'Best Streetable' vs 'Least Cost'

- Easily Compares Various Scenario's (Time, Pay, Averages, Run Details)

- Excellent for Union Negotiations

# Rostering

Route Definition

Trip Building

Blocking

Runcutting

Rostering

- Build Weekly Operator Work using Runs from Runcutter

- Parameter Settings User-Definable (Roster Types, Costing, Penalties)

- Algorithms to create and improve Rosters to minimize Weekly Pay

- Easily Compares Various Scenario's (Time, Pay, Averages)

- Excellent for Union Negotiations