



RFL Electronics Inc.

TRAINING OUTLINE

RFL GARD 8000 Teleprotection

- 1. Introduction**
 - Guard 8000 Overview

- 2. Hardware**
 - 3U (rack unit) Chassis Configuration
 - 6U Chassis Configuration
 - Base System
 - System Controller Module
 - Communications Modules
 - Display with TPS (Teleprotection) Module

- 3. System Architecture**
 - Logic Bus Overview
 - Communications Bus
 - Control Bus

- 4. Logic Design**
 - Logic Gates
 - Timers and Latches
 - TPS Capabilities and Features

5. Communicating with a GARD 8000

- **Web Browser Interface**
- **Ethernet Port**
- **Configuring a PC for connection**
- **Connecting with Internet Explorer**
- **Login to Gard 8000**
- **System Administrator Login**
- **Chassis Configuration Home**
- **System Card**
- **TPS Channel Settings**
- **Multi-protocol Interface Settings**
- **Time Slots Settings**
- **Input Module Settings**
- **Output Module Settings**
- **Sequence of Events Configuration Page**

6. Gard 8000 Programming-Mapping

- **Input Mapping**
- **Output Mapping**
- **Timer Settings**
- **Option Settings**
- **System Labels and Time**
- **SOE Configuration**
- **LED Logic Assignments**
- **Alarm Configuration**

7. File Operations

- **Send File to Gard 8000**
- **Save File to PC**

8. Communications Chassis Status

- **Communications System Status**
- **Status of Comms Interfaces**

9. System Testing

- **Input Test**
- **Output Test**
- **Comms Interface Test**

10. Questions and Answers

CONCLUSION