

## Technical Note

# TROLL<sup>®</sup> Link System Comparison

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### Introduction

When deciding which TROLL Link System is best suited for a particular customer's application, it is often useful to compare the software requirements, data plan requirements, physical characteristics and functional options of the product line.

### TROLL Link Software & Data Plan Requirements

The information in this section will help you determine what In-Situ software is required for a given system configuration and what type of data plan is recommended for each.

Product	Mode	Required Software	Data Plan	Note
TROLL Link 100	SMS	TROLL Link Set-Up	Voice/Data	Add SMS plan <sup>1</sup>
	Dial-Up	Win-Situ Plus & TROLL Link Set-Up	CSD <sup>2</sup>	Add SMS plan <sup>1</sup> for alarming
	TCP/IP	Win-Situ Plus & TROLL Link Set-Up	Data	Add SMS plan <sup>1</sup> for alarming Static Public IP
TROLL Link 102	SMS	TROLL Link Set-Up	Voice/Data	Add SMS plan <sup>1</sup>
	Dial-Up	Win-Situ Plus & TROLL Link Set-Up	CSD <sup>2</sup>	Add SMS plan <sup>1</sup> for alarming
TROLL Link 101	N/A	Data accessed via on-line Data Center	Data Center <sup>3</sup>	Roaming agreements are not defined in all areas at this time
TROLL Link 201	N/A	Data accessed via on-line Data Center	Data Center <sup>3</sup>	Worldwide service

<sup>1</sup> Add SMS plan for high volume, or pay as you go for minimal usage

<sup>2</sup> Circuit Switched Data is the technical term for Dial-Up

<sup>3</sup> Data Center Plan available from In-Situ Inc.

## TROLL Link Functional Comparison

The information in this section provides an overview of the physical characteristics and functional options of each system.

Product	TROLL Link 100	TROLL Link 102	TROLL Link 101	TROLL Link 201
<b>Technology</b>				
➤ Type	GSM/GPRS	CDMA	GSM/GPRS	Satellite
<b>Market</b>				
➤ Global	✓ <sup>1</sup>		✓	✓
➤ USA/Canada (only)		✓		
<b>Data Access Mode</b>				
➤ TCP/IP	✓			
➤ Dial-Up/CSD	✓	✓		
➤ SMS	✓	✓		
➤ Data Center			✓	✓
<b>Alarming</b>				
➤ SMS	✓	✓	✓	✓
➤ Email	✓	✓	✓	✓
➤ Phone			✓	✓
➤ Monitor a Single Parameter	✓	✓	✓	✓
➤ Notify a Single Address (SMS or Email)	✓	✓	✓	✓
➤ Monitor Multiple Parameters			✓	✓
➤ Notify Multiple Addresses (SMS, Email or Phone)			✓	✓
<b>Compatibility</b>				
➤ Level TROLL	✓	✓	✓ <sup>2</sup>	✓ <sup>2</sup>
➤ Aqua TROLL	✓	✓	✓ <sup>2</sup>	✓ <sup>2</sup>
➤ MPT TROLL 9500	✓ <sup>3</sup>	✓ <sup>3</sup>	✓ <sup>2</sup>	✓ <sup>2</sup>
<b>I/O</b>				
➤ Pulse Counter	✓	✓		
➤ 12V Relay On/Off	✓	✓		
<b>Enclosure</b>				
➤ Fiberglass <sup>4</sup>	✓	✓	✓	✓
<b>Power Supply</b>				
➤ 12V 7Ah SLA <sup>5</sup> Battery	✓	✓	✓	✓
➤ 1W Solar Panel	✓	✓	✓	✓
<b>Warranty</b>				
➤ 1 Year Parts	✓	✓	✓	✓
➤ 1 Year Labor	✓	✓	✓	✓
<b>Minimum Service Contract</b>				
➤ 3 Months			✓	✓
➤ Provider Dependant	✓	✓		

<sup>1</sup> CE Mark

<sup>2</sup> TROLL Com required to program tests, alarms and warnings

<sup>3</sup> SMS support only; no alarming

<sup>4</sup> 10"W x 12"H x 5"D NEMA 4X

<sup>5</sup> Sealed Lead Acid