

# Software Release Memo

This Software Release Memo announces changes contained in the following application:

Application Name: Contrail®  
Software Version: 4.0  
Effective Date: January 3, 2012

This software release is in response to:

User/Customer request(s):  \_\_\_\_\_  
Change in technology:  \_\_\_\_\_  
Other:  Continuous improvement

## Overview

OneRain is pleased to announce the immediate availability of **Contrail 4.0**, the fourth major software release of the OneRain-hosted **Contrail Web** services and licensed server-based **Contrail Base Station** software.

## About Contrail

Contrail is a web-accessed full toolset that provides the data collection, visualization, alarm notifications and administration management for real-time hydro-meteorological monitoring systems with 24/7-supported reliability. It delivers gauge data, radar rainfall and third party data (USGS, RAWS, etc.) to information consumers and decision makers via rich interactive reports and dashboards, using maps, charts, graphs, pictures and tables. Contrail's user interface has high quality maps with many GIS features, including user-selected layers such as roads, waterways and municipal boundaries.

In use for mission-critical decision support operations since 2005, Contrail is available as a hosted service (**Contrail Web**) and as a standalone local-server based application (**Contrail Base Station**).

## Contrail 4.0

Contrail 4.0 is the result of combined client-requested feature enhancements and continued evolution of the operational and administrative functions of the program.

Contrail 4.0 provides improvements in usability and performance in addition to providing new features. With the release of Contrail 4.0, OneRain looks to enhance and grow its users and supporters. The version 4.0 release introduces in beta Contrail's pan-and-zoom map interface.

### **Contrail 4.0 Release Highlights:**

- Enhanced Mapping option with new Map Pan and Zoom (Beta release)
- New Read-only Server option (Contrail Base Station)
- Support of GoData Data Agent
- *InventorySolutions*<sup>™</sup> is OneRain's web-based, mobile Inventory application and is now included with all Contrail Base Station software licenses (also as a cost-add option with subscriptions to Contrail Web)
- Introduces Rainfall Intensity Analysis, Time Series Export and Event Data Export in *InsightSolutions*<sup>™</sup> (Contrail Base Station only)
- Support for on-command metadata reload (Contrail Base Station)

### **Free Upgrade to Contrail 4.0**

As with previous Contrail releases, we automatically make version upgrades available at no additional cost to all customers who subscribe to Contrail Web and to those who have previously purchased a software license for Contrail Base Station and are current on annual maintenance and technical support fees.

For Contrail Base Station customers planning to avail themselves of this free upgrade, please contact OneRain at Phone 303-774-2033, or email [contrail.support@onerain.com](mailto:contrail.support@onerain.com)

### **Learn more about what's new in Contrail 4.0**

We are happy to coordinate a ~30-minute webinar to profile the new features and benefits as well as address any questions you may have. Please call or send us an email today if you would like to set up a webinar session. Phone 303-774-2033, or email [contrail.support@onerain.com](mailto:contrail.support@onerain.com)

~ End ~

# OneRain

The Rainfall Company

## Contrail® 4.0 Release



Features	Contrail Base Station	Contrail Enterprise Web
Web Accessible Software	✓	✓
Web Styling and Branding	✓	✓
Onsite Mission Critical Base Station	✓	
Local/On-Site Data	✓	
Administrator Managed Database Backups	✓	
Custom Configured Data Services	✓	
Custom Defined Cache and Refresh Controls	✓	
<b>*NEW* Reload Metadata</b>	✓	
Hosted Service		✓
Unlimited Sensors	✓	+
Contrail Mobile	✓	✓
File and Image Management	✓	✓
Web Content Management	✓	✓
Advanced User Privileges	✓	✓
Unlimited Online Data	✓	✓
Advanced Alarms	✓	✓
Map View	✓	✓
<b>*NEW* Map Pan and Zoom (Beta)</b>	call	call
Rain Gage Display	✓	
Graphing	✓	✓
File Export	✓	✓
Data Editing	✓	✓
Data Revalidation	✓	✓
Online Reports	✓	✓
Custom Online Reports	✓	
Public Web Site	✓	✓
<b>*NEW* Read Only Server</b>	✓	
Redundant Server Replication	✓	✓
Multi-Tenant (first 5 tenants)	✓	Unlimited
5 Additional Tenant Licenses	+	

## Data Collectors

Serial or TCP/IP Connections	✓	✓
ALERT	✓	✓
ALERT2™	✓	✓
StormLink™ Cellular	✓	✓
StormLink IP (logging / queuing)	✓	✓
DIADvisor™	✓	✓
StormLink Satellite	✓	✓
Custom Collector Programming	call	call

## Data Agents

USGS	✓	✓
METAR	✓	✓
HADS	✓	✓
CDEC	✓	✓
Tides	✓	✓
Orbcomm	✓	✓
*NEW* GoData	✓	✓
Custom Data Agent	+	+

## InventorySolutions™

*NEW* Web Based Inventory	✓	+
*NEW* Mobile Inventory	✓	+
Configuration	call	call
Training	call	call

## Insight™

Network Performance	✓	
*NEW* Rainfall Intensity Analysis	✓	
*NEW* Time Series Export	✓	
*NEW* Event Data Export	✓	

## Services

Scheduled Reports via Email	✓	✓
Database Backups	✓	✓
Data Exchange API	✓	✓

+ Available as an additional option

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