No matter which solution you choose, only a standard web browser is needed on the user's end to access the Contrail application across all devices—desktop and mobile—no special mobile "apps" required.

Contrail®

Flexible Deployment Options to Manage All of Your Hydrometeorologic Data in One Place

More and more organizations are realizing the benefits of combining on-site and hosted Contrail software deployment options. With Contrail, you have three flexible options. Whether to host your own solution on-site, we host it for you (or combination of both), or choosing our software-as-a-service option, OneRain's team of experts will help you assess which deployment solution achieves the highest availability and resiliency for your mission-critical operations. It's good to have options.

Highly Scalable Enterprise Software
Contrail supports the data collection, processing, archiving and dissemination of water resources data collected from your own local ALERT/ALERT2™ gauge sensor network together with federal and state agency data sources such as USGS, METAR, Tides, HADS, RAWS, RWIS, satellite and many other platforms. No matter which solution you choose, **only a standard web browser is needed** on the user's end to have secure access to real-time and historical data via their desktop or mobile device.

OneRain's Contrail software is designed to be a highly scalable enterprise level software solution. At its core are the advanced alarm equations and delivery notification capabilities. Contrail provides simultaneous functionality, management, administration, and services to a large number of users no matter where they are.

DEPLOYMENT OPTIONS

- **Contrail Base Station**—licensed Contrail enterprise software that runs on-premise on your own server(s).

- **Contrail Server**—a OneRain-hosted client-dedicated cloud computing server resource for Contrail.

- **Contrail Web**—the software as a service (SaaS) shared resource edition of Contrail.

Experts measuring rainfall and its consequences™

Understanding Contrail® Deployment Options

1 Contrail Base Station—you license our Contrail enterprise software and run the application on your own server(s). Includes Contrail Analytics and Contrail Inventory *Plus*, and enables you to collect as many data sources and create as many web site views as you require to meet all your users' needs.

2 Contrail Server—a OneRain-hosted and managed cloud-computing server resource running the full version of Contrail Base Station software for you in our secure industrial data center. Contrail Server delivers the full feature set of licensed Contrail Base Station (includes Contrail Analytics and Contrail Inventory *Plus*). A fixed annual subscription cost allows you to extend and load it with as many data sources, web views, custom reports, etc., as you require.

3 Contrail Web—the software as a service (SaaS) edition of Contrail in which we offer you a slot in our multi-tenant enterprise and you administer it for your users. Unlike Contrail Base Station and Contrail Server, Contrail Web operates in a shared resource environment. This is a annual "pay as you go" subscription model to add more web views and sensor data sources.

Features	Contrail Base Station	Contrail Server	Contrail Web
Web Accessible Software	√	√	√
Mobile Access (smartphone, tablet…)	√	√	√
Web Styling and Custom Branding	√	√	√
Web Content Management	√	√	√
File and Image Management	√	√	√
Bookmarks	√	√	√
On-site Mission Critical Database	√		
Hosted Service		√	√
Processing and Performance Configuration	√	√	
Reload Metadata – Immediate Updates	√	√	
Unlimited Sensors	√	√	+
Role Based User Privileges	√		√
Multi-Year Data Queries	√	√	
Multi-Time Zone Support	√	√	√
Multi-Sensor Alarms	√		√
Notifications (one alarm, multiple deliveries)	√	√	√
Map View with Layers	√	√	√
Unlimited Custom Maps	√	√	+
Rain Gauge Display	√	√	√
Optional Rainfall Overlay	√	√	
OneRainware™ Radar Rainfall Displays	√	√	
Graphing (date selection and real-time mode)	√	√	√
Sensor Data Export (MS Excel / CSV)	√	√	√
Data Editing (with audit trail)	√	√	√
Data Revalidation (with audit trail)	√	√	√
Real-Time Data Validation	√	√	√
Incoming Raw Data Viewer	√	√	√
Automated and Manual Data Entry	√	√	√
Equation Support	√	√	√
Ratings Tables (with bulk upload)	√	√	√
Bulk Site and Sensor Configuration	√	√	
Synthetic Sensors	√	√	√
Online Reports	√	√	√
Custom Online Reports	√	√	
Public Web Site Option	√	√	+
Read Only Server Option	√	√	
Server Replication	+	√	√
Multi-Client (first 5 client web sites)	√	√	
Additional Client Licenses	+	√	+
Data Collectors / Control			
Serial to TCP / IP Connection Options	√	√	√
ALERT	√	√	√
ALERT2™	√	√	√

Features	Contrail Base Station	Contrail Server	Contrail Web
StormLink™ IP (logging / queuing)	√	√	√
StormLink Satellite	√	√	√
StormLink Cellular	√	√	√
RWIS / NTCIP	√	√	√
Two-way ALERT (Flasher and Repeater Control)	√	√	
Custom Collector Programming	Call	Call	Call
Data Agents / Data Exchange			
DataSight	√	√	√
USGS	√	√	+
METAR	√	√	+
HADS	√	√	+
CDEC	√	√	+
LRGS / GOES	√	√	+
NOAA Tides	√	√	+
RAWS	√	√	+
Rugid (EVENTS)	√	√	+
Wonderware	√	√	+
Campbell Scientific	√	√	+
ORBCOMM	√	√	+
GoData	√	√	+
Custom Data Agent	+		+
SHEF .A	√	√	+
SHEF .E	√	√	+
Tabular	√	√	+
XML	√	√	+
Hydstra	√	√	+
Contrail Inventory *Plus*			
Web Based Inventory Management	√	√	
Mobile Inventory Management	√	√	
Configuration	Call	Call	
Contrail Analytics			
Network Performance Analysis	√	√	
Rainfall Intensity Analysis	√	√	
Time Series Export	√	√	
Event Data Export	√	√	
Mass Balance Rainfall Analysis	√	√	
Contrail TDMA Manager			
ALERT2 network design & provisioning	√	√	
Services			
Scheduled Reports via Email	√	√	√
Database Backups	√	√	√
Data Exchange	√	√	+
Support			
Business Hours Email & Phone Support	√	√	√
Software Upgrade and OS Support	+	√	√
24/7 Full Software Support	+	+	√

+ Available as an additional option / price.

OneRain
The Rainfall Company

T: 303-774-2033
Toll Free: 800-758-RAIN (7246)
Email: sales@onerain.com
www.onerain.com