VAISALA Xweather

Xweather Horizon: The easiest way to make data-driven winter maintenance decisions

Quotation #: SAMPLE

Anticipated contract start date: June 12th, 2026
Term: 3 years
Xweather Horizon Edition: Pro

Sweetwater, Southeastern Wisconsin Watersheds Trust, Inc is acting as a convener and coordinator of a regional winter weather sensor network in the Greater Milwaukee area in partnership with Vaisala Inc. The network plans to evaluate cost savings, operational benefit and chloride reductions using the XWeather Horizon service.

Vaisala Xweather Customer	
Sweet Water Horizon Network	
Primary Contact: Erin Povak, povak@swwtwater.org	

Sweet Water Network Member: City of Wauwatosa

Billing Contact:	**Shipping Contact:**
Name:	Name:
Email:	Email:
Address: 1	Address:

Proposed Solutions – Xweather Horizon Pro License-

Product	*Quantity*	*Annual Unit Price*	*Annual Price Extended*
Xcast data provisioned by			
GroundCast	2	$1,600	$3,200
TempCast	0	$1,900	0
AtmoCast	0	$3,100	0
Annual Subtotal			*$3,200
Total 3 Year Contract Price			*$9,600

Be proactive and harness the power of turning observations and forecasts into insights and action, including peace of mind integrated alert notifications.

*30% discount included for 3-year term

If you have any questions, I'm here to help. You can reach me by email at kirk.johnson@vaisala.com or by phone/text at 928 830 2651

Assumptions and Stipulations

1. Quote is valid for 30 days from issuance
2. Installation materials including Fabick epoxy for GroundCast and a telescopic pole for TempCast are included
3. Subject to Vaisala General Conditions of Subscription Services (link) and Service description for Xcast sensors with Xweather Horizon Pro (below):

   https://docs.vaisala.com/v/u/DOC251468-C/en-US
4. Xweather Horizon & Xcast sensor annual price is based on a 3-year term subscription commitment. Shorter terms may be considered at a higher price and can be quoted upon request
5. Excludes installation – a quote for installation by Vaisala can be provided upon request
6. Ground Cast Sensors require a minimum mounting depth of eighteen inches (18")
7. Customer is responsible for utility locates at desired Ground Cast installation locations
8. Cellular NBIOT coverage should be available wherever Verizon has service but must be confirmed at each location prior to installation
9. Sensors with updated firmware/hardware + new design will be available in April 2026
10. Invoice frequency can be tailored to quarterly, semi-annual, or annual intervals with the default being annual billing
11. Each municipality listed in this contract will need to provide their billing details and will be invoiced separately on an annual basis.

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Signature Page Follows

The Parties agree to enter into this Agreement, with the Effective Date as the last date signed below.

VAISALA INC.

By:_____

Name:_____

Title: _____

Date: _____

With signature below, the City of Wauwatosa, WI (Customer) agrees to a 3-year contract commitment for a total of $9,600 with an annual billing frequency.

City of Wauwatosa

Name & Title

_____

Signature Date

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Service description

Vaisala Xcast™ Sensors with Xweather Horizon Pro

Vaisala Xcast™ Sensors complement the Vaisala Xweather Horizon Pro weather hazard information system with accurate observations from critical locations. With a single Xweather Horizon Pro subscription with predictable costs and continuous warranty, users can access both in-situ observations and road weather point forecasts from sensor locations. The Xcast Sensors wirelessly collect environmental data from key locations and provide this for Xweather Horizon to generate actionable information to help plan road winter maintenance operations.

1. Features

Vaisala Xweather Horizon Pro weather hazard information system for road condition situational awareness

- Leverages Vaisala industry-leading sensors and world-class forecasting capabilities
- Provides road weather condition forecasts using Vaisala proprietary road weather model
- Provides access to data through a web user interface optimized for providing support for winter maintenance decisions, and through a REST API

*Vaisala Xcast™ Sensor*s

- Utilize Vaisala leading technology to measure key environmental parameters
- Wirelessly connect to Vaisala cloud
- Are fully autonomous with built-in power and communication
- Have minimum 3-year battery lifetime with no maintenance needs

Vaisala Xcast™ Connect mobile application for sensor activation

- Is available free of charge from Google Play Store and vaisala.com
- Intuitively guides the user through the sensor activation process
- Ensures adequate cellular field strength at the installation location

2. Communication

- Xcast Sensors are delivered together with a SIM-card for 24/7 connectivity
- Connectivity is subject to activating the sensors using the Xcast Connect mobile application to ensure adequate cellular field strength at installation location
- Cellular communication costs are included in the subscription fee
- Data availability is subject to the availability of cellular service

Note: choosing a location with good cellular field strength will increase the battery lifetime of the sensors and make replacement need less frequent. The Xcast Connect mobile application will assist by providing a visual indication of field strength before the activation.

3. Data license, access, and security

Vaisala grants the customer a non-exclusive license to use the sensor and the forecast data during the contract term for internal business purposes. A more complete description of the legal terms and conditions governing the subscription service is in the General Conditions of Subscription Services of Vaisala Group:

https://www.vaisala.com/sites/default/files/documents/DOC250754-A-General-Conditions-of-

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Subscription-Services.pdf.

A 3-year history dataset is stored at Vaisala and is available for the customer through the user interface and API.

The API is a cloud-hosted REST API deployed to multiple service regions for performance and resilience.

Data security is ensured in all parts of the data chain:

- Public key infrastructure (PKI) is used for managing device certificates
- TLS/DTLS secure protocols are used for data transmission
- Security audited SW components are used in cloud system software

4. Sensor shipping, installation, and replacement

- Upon reception and confirmation of a subscription order, Vaisala will ship the Xcast Sensor hardware to the customer. The sensor will remain the property of Vaisala.
- The customer is responsible for installing the sensor according to the instructions and using the tools provided by Vaisala. Vaisala has no responsibility for incorrectly installed sensors and the effects thereof. The customer is responsible for ensuring that all laws and local regulations related to safety, environmental compliance, road closures, and site installation procedures are followed.
- Vaisala will monitor the sensors 24/7/365 and will proceed to ship replacement sensors in case of data loss due to non-functional sensor hardware, for example loss of battery power.
- Before shipping a replacement unit, Vaisala will contact the customer for a confirmation.
- Replacements included in the subscription fee only apply to sensors with no physical damage beyond normal wear and tear. In the event there is physical damage, a fee may apply for the sensor replacement.
- De-installation of old sensors and installation of replacement sensors are not included in the subscription fee. Please contact Vaisala sales to discuss and get a quote for the installation work.
- The customer is responsible for the removal of sensors after their lifetime and recycling them according to local regulations and instructions provided by Vaisala. Failing to do this, the customer accepts full liability for any environmental or hazard-related issues. The customer will also have an option to ship the sensors at their own cost to Vaisala for recycling.

5. Invoicing

The invoicing period for the Xweather Horizon Pro subscriptions is 12 months, unless otherwise specified in purchase documentation. Invoicing period starts 30 days after the shipment of the Vaisala Xcast Sensors associated with the subscription.

6. Technical support

Vaisala support team is available 365 days a year to receive service requests through MyVaisala support channel. See the local contact details at www.vaisala.com/en/support.

The official language of the technical support is English.

7. Service availability

Vaisala strives to keep the service available 24/7, excluding necessary maintenance breaks or downtime caused by interruptions in services beyond Vaisala control, such as cloud or cellular service

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provider. For a more complete description, refer to the General Conditions of Subscription Services of Vaisala Group.

8. Maintenance and service breaks

We generally provide scheduled maintenance and updates of the Xweather Horizon service without breaks to service availability or data measurement collected from Vaisala products. If maintenance or updates cannot be carried out without a break to the service availability, we will notify customer of such breaks through email and/or the Xweather Horizon service itself. In case there are unexpected service breaks, we shall within normal office hours attempt to recover the service as soon as possible.

9. Summary of responsibilities

Vaisala responsibility	Customer's responsibility
● Delivers sensor units upon start of the subscription and in case of data loss due to faulty sensor hardware ● Provides a SIM card and cellular data communication ● Provides an account and credentials for cloud hosted Xweather Horizon software, with the Xweather Horizon Pro feature set ● Monitors sensors and proactively reacts to data interruptions ● Provides observation and point forecast data for sensor locations through an API and on the Xweather Horizon cloud user interface	● Adopts and pays periodic subscription fees, in accordance with the applicable terms and conditions ● Installs sensors based on instructions and tools provided by Vaisala, observing laws and local regulations ● Removes and recycles sensors according to local regulations

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