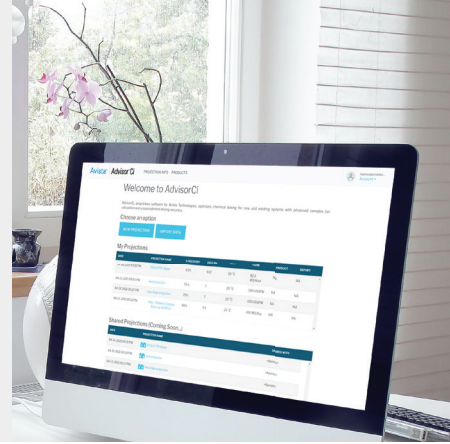


# Avista™ | Advisor™ Ci ONLINE



Avista™ Advisor™ Ci Online is a proprietary chemical dosing software with complex ion technology to maximize system recovery for even the most challenging applications.

## PREDICT SCALE FORMATION

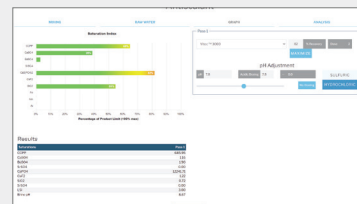
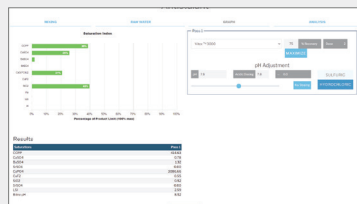
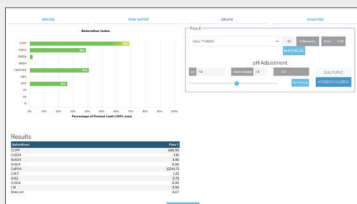
Avista Advisor Ci Online predicts precise dosing and use rates for Avista membrane chemicals.

This propriety chemical dosing software calculates the saturation potential of a feedwater based on the free concentration of ions, overcoming a critical weakness in contemporary indices that consider the total analytical value, which typically includes ions that are bonded.

Many variables that affect antiscalant dosage calculations are considered, including precise solubility products (Ksp), updated temperature correction factors, improved individual ion product calculations, and dosing curves that fully consider rate of reaction.

## EASY TO USE

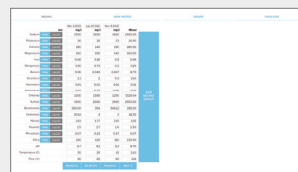
Avista Advisor Ci Online antiscalant projections are easy to run. Simply enter your water analysis, select the system recovery, and chose a product on any internet-connected device.



See how saturation changes by increasing or decreasing recovery and how selecting a different product will affect the antiscalant dosage.



Calculations for systems with a brine concentrator or second pass for the brine can be calculated on the same screen as the primary reverse-osmosis (RO) system in real time.



Input data for up to twelve feedstreams, and mix any combination of these streams to accurately determine saturation.

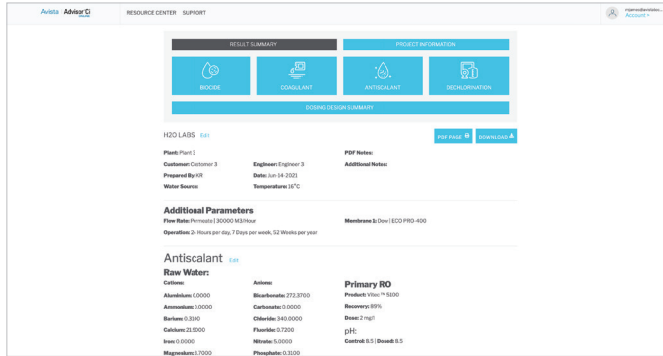
## AVISTA ADVISORCI ONLINE ADVANTAGES

- **Robust calculation engine** - A proprietary combination of advanced calculations and scientifically validated saturation calculations accurately predicts the activity of all common scale-forming compounds for membrane applications.
- **Metal dosing factor** - Analyzes and adjusts for potential precipitation of metals based on their state of oxidation.
- **Rate of reaction** - Adjusts antiscalant dose according to the feedstream analysis and determines rate of precipitation.
- **High recovery applications** - Applies precise calculations derived from on-site research of waters with high ionic strength to reduce the saturation potential of sparingly soluble salts.

## FORECAST MEMBRANE CHEMICAL USE

Avista AdvisorCi Online is more than just antiscalant dosing software. Use its chlorine scavenger calculations to neutralize free and combined chlorine. Calculate daily, weekly, monthly, or annual consumption of Avista membrane chemicals. Choose the correct pump and speed settings for dosed products. AdvisorCi helps you accurately forecast membrane chemical use.

## RESULTS AND TECHNICAL SUMMARY



Avista AdvisorCi Online summarizes all chemical calculations, including consumption estimates, to give you an at-a-glance view of the system's operational expenditures along with the dose rates needed to operate efficiently.



The Technical Summary presents a comprehensive overview of the water analysis and saturations impacting the antiscalant dose.

## PRIVACY MATTERS

Avista AdvsiorCi Online is set up to maximize user privacy. All data is encrypted and cannot be accessed unless the user chooses to share a projection. Each user can download their projections to keep local files of their projects and delete files from Avista AdvisorCi Online.

## REQUEST AVISTA ADVISORCI

To request Avista AdvisorCi Online software, visit [avistamembranesolutions.com/request-avista-advisorci](http://avistamembranesolutions.com/request-avista-advisorci) or contact your local sales representative or distributor. They can also assist with running projections or training.

Please consult your sales and technical consultant.

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