

WHAT IF THERE WAS
A PERFORMANCE-BASED
SOLUTION THAT DELIVERED...

- » **Reliable** Amine Unit Operations
- » **Increased** Uptime
- » **Maximized** Return on Investment
- » **Extended** Asset Life

...FROM A TEAM OF
TRUSTED INDUSTRY
LEADERS?

NALCO WATER & BASF:
INDUSTRY LEADERS MOVING
MIDSTREAM FORWARD, SAFELY

NALCO Water
An Ecolab Company

With more than 90 years of industry experience, Nalco Water has built an unrivaled level of experience and expertise centered on water, energy and air. Our comprehensive network of onsite experts, manufacturing plants, and research centers consistently delivers a high value to our midstream customers.

BASF
We create chemistry

BASF is the preferred partner for complex new gas plants. Our gas treatment technologies boast references around the globe, including some of the world's largest gas treatment units. Our network of production and storage facilities ensures reliable delivery and supply of quality solvents worldwide.
<https://energy-resources.basf.com/en/Gas-Treatment.html>

Safety Matters

At Nalco Water and BASF, our commitment to safety is steadfast. Every day our associates integrate safe practices into their work and life through training & education, and risk mitigation performance.

Let us know how Nalco Water
can help you achieve your goals
630 305 1226
midstream@ecolab.com

MOVING
MIDSTREAM
FORWARD

**REDEFINING
PERFORMANCE**
throughout
your plant

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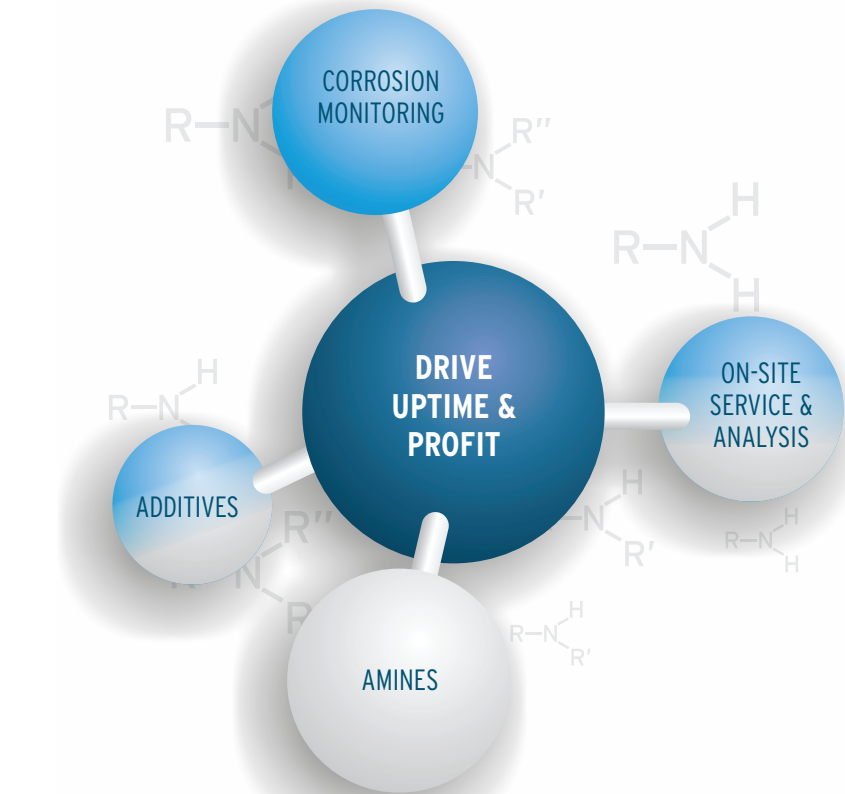
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BASF
We create chemistry

Redefining Performance with UNMATCHED SERVICE

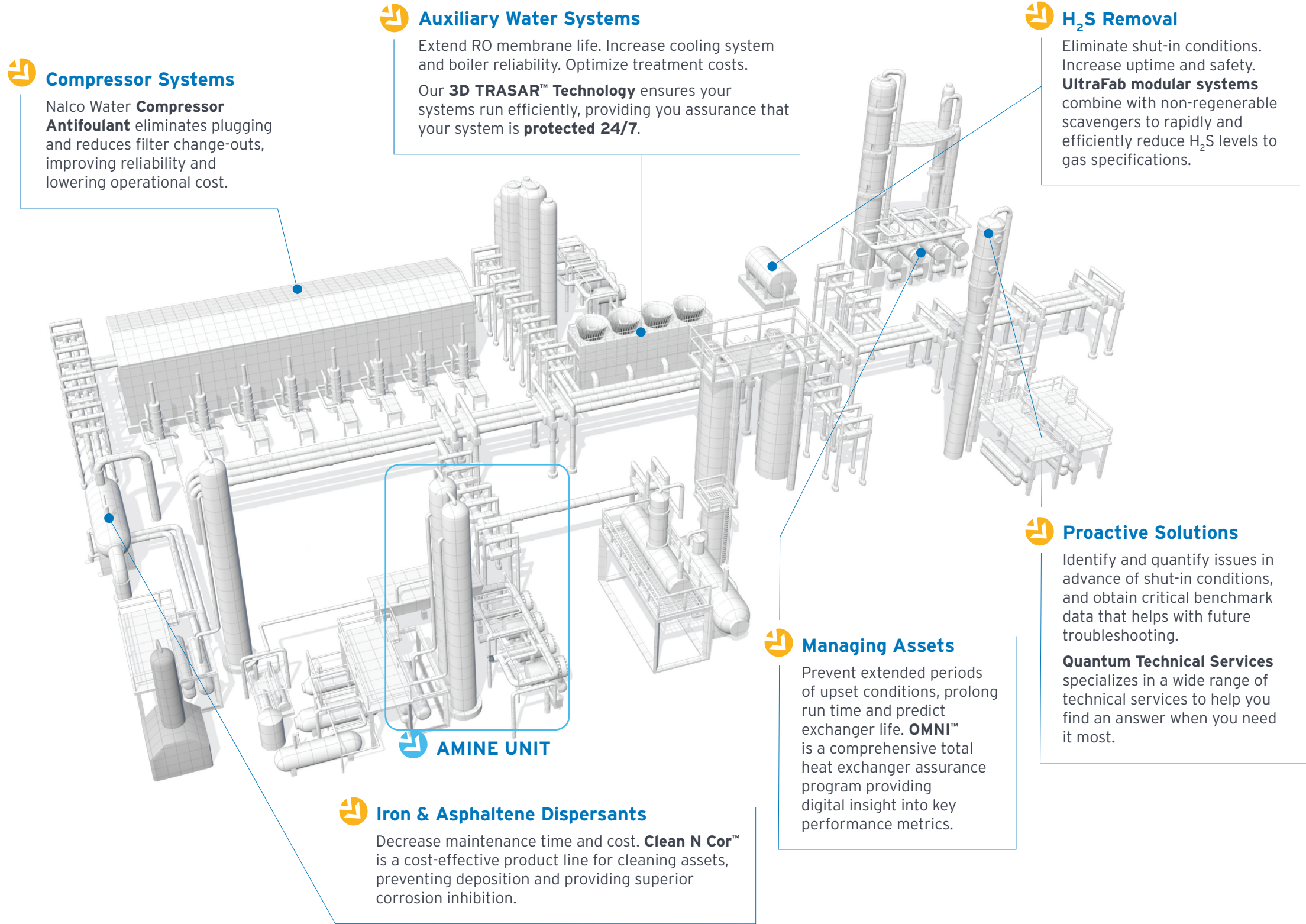
A NEW PARTNERSHIP IN MIDSTREAM FOR AMINE OPERATIONS

The Amine Unit is the heart of a gas plant and when it is not running efficiently, it will impact your plant's availability and performance. The Nalco Water + BASF partnership combines leading chemistry expertise with premier process innovation. With customized on-site service, and digital monitoring & analytics, our comprehensive solution maximizes plant performance and uptime.



FROM THE FIELD TO THE PLANT...

We are Everywhere It Matters



Our customers can now take advantage of both BASF's expert gas treatment team and Nalco Water's innovative onsite engineers & analytical services.

Together, we offer unparalleled resources and in-depth knowledge of the design, operation and service of gas treatment plans – the highest level of service and expertise at the lowest operational cost. The Nalco Water + BASF performance-based solution delivers:



PROVEN SOLVENTS:	BEST-IN-CLASS	ON-SITE, CUSTOMIZED SERVICE EXPERTISE:
Pioneers in gas treatment technology, driving technical innovation	for control of corrosion and ensuring availability	New insights with higher operational impact

- | | | |
|---|--|---|
| <ul style="list-style-type: none">• OASE® purple• PuraTreat™• ADEG®• MEA & DEA or other amines | <ul style="list-style-type: none">• INTERCEPT® Corrosion Inhibitor Passivator• OASE® Stabilizer• PuraTreat™ Stabilizer | <ul style="list-style-type: none">• Plant operator & engineer training• Amine unit health• Real-time corrosion monitoring |
|---|--|---|

Testimonials:

At the end of the day, we want to process as much gas as possible.

“After initiating **Nalco's compressor antifoulant program**, the system cleaned up – we have not had any compressor fouling or maintenance.”

- Midstream Operations Manager, NM

Amine treating is the backbone of our facility.

“We were having failures in a reboiler reducing our processing capacity by ~25%. Since using **INTERCEPT** we have seen a clear reduction in reboiler failures and downtime.”

- Midstream Operations Manager, TX

Protecting our assets is paramount.

“**3D TRASAR** vastly changed the performance and control on the cooling tower, heat exchangers and steam turbine equipment. From an investment perspective, it provides the extra set of eyes we need to maintain our utility systems.”

- Midstream Operations Supervisor, OK

Increasing treating capacity adds to our bottom line.

“We were able to process an additional 10MMscfd of difficult-to-treat regen gas from the mole sieve beds, after implementing **Nalco Water's H₂S removal program**.”

- Plant Manager, TX