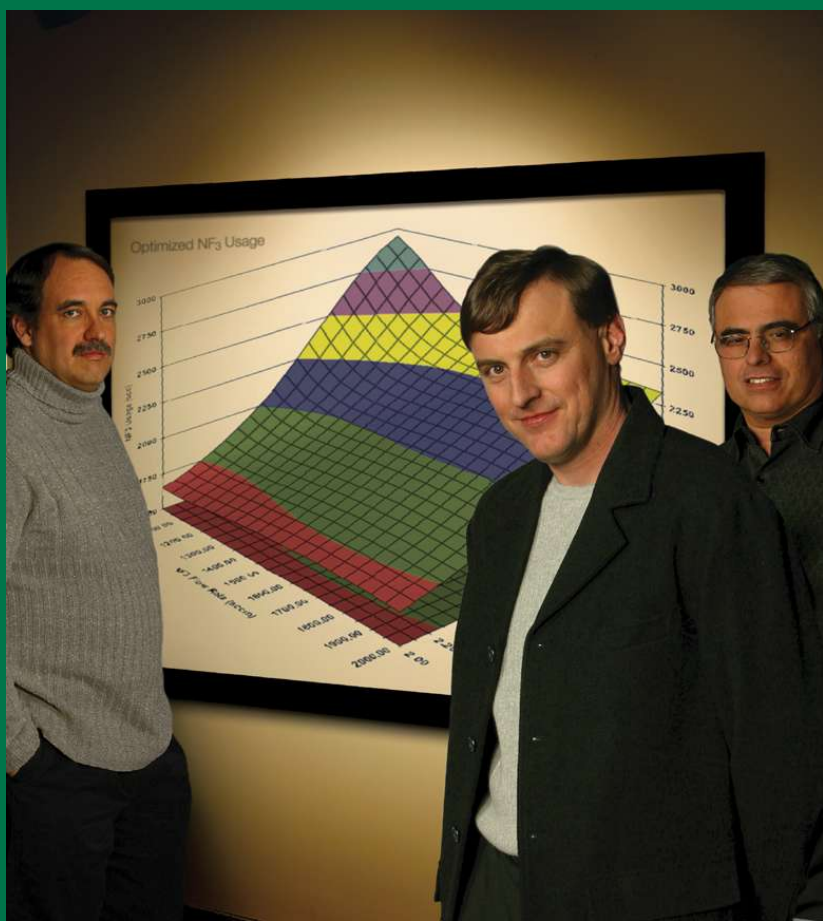

AIR PRODUCTS INTEGRATION

IF IT'S POSSIBLE TO RAISE CHAMBER CLEANING TO AN ART, MEET MICHELANGELO, REMBRANDT, AND PICASSO.



Drs. Andy Johnson, Bob Ridgeway, and Pete Maroulis have pioneered ways to optimize cost of ownership for customer processes, enable OEMs to reach new technology platforms, and limit PFC emissions from semiconductor fabs.

- Global team of chamber cleaning optimization specialists
- Completed more than 150 optimizations of over 75 different processes for customers worldwide
- Provides the lowest cost per clean with the highest yield
- Reliable global supplies of NF_3 and C_2F_6
- Received the 2002 Climate Protection Award from the United States Environmental Protection Agency

Chamber Cleaning Solutions for Next Generation Materials and Processes

- Unparalleled experience in dielectric chamber cleaning to apply to new material challenges
- Process capabilities to evaluate many chemistries in thermal, in situ plasma, and remote plasma processes
- Metrology capabilities for process screening
- New and optimized solutions for 300 mm and TFT-LCD technology platforms

CLEANING