

Thomas Henshaw, Directed Energy Solutions, V.P. Chemical Systems



- Dr. Tom Henshaw has over 20 years of experience in chemical reaction kinetics and laser research.
- Upon earning his doctorate degree in Physical Chemistry at Denver University (Robert Coombe, advisor), Tom was awarded an National Research Council postdoctoral position at the US Air Force Academy where he performed studies on chemically pumped laser systems. He continued his work at the Air Force Research Laboratory where he co-invented the first new cw electronic transition chemical laser in over 20 years.
- Tom joined the Directed Energy Solutions staff in 2001 where he currently directs programs on novel approaches to optical and chemical based laser systems. Tom recently joined Envirolution Systems (CTO) where he is developing pollution control and chemical process systems.
- Tom has over 25 publications in peer reviewed journals, four patents and is the recipient of several government awards for research excellence including the recipient of the FY 2000 AFRL/Directed Energy Annual Giller Award for excellence in laboratory research and a runner-up in the national FY 2000 US Air Force Basic Research Award.
- **Neumann Systems Group (www.neumannsystemsgroup.com):** NSG was founded in 2000 in Colorado Springs, Colorado and is comprised of four subsidiaries: LTW Lasers (high power laser diodes and solid-state laser devices), Envirolution Systems (chemical processing and pollution control systems), Directed Energy Solutions (government laser and optics research and development), and DigiSoft Solutions (software solutions for government contractors). NSG employs 32 professionals including physicists, chemists and engineers. NSG (DES) has twice made the Inc. Magazine as one of the 500 fastest growing companies in the U.S.