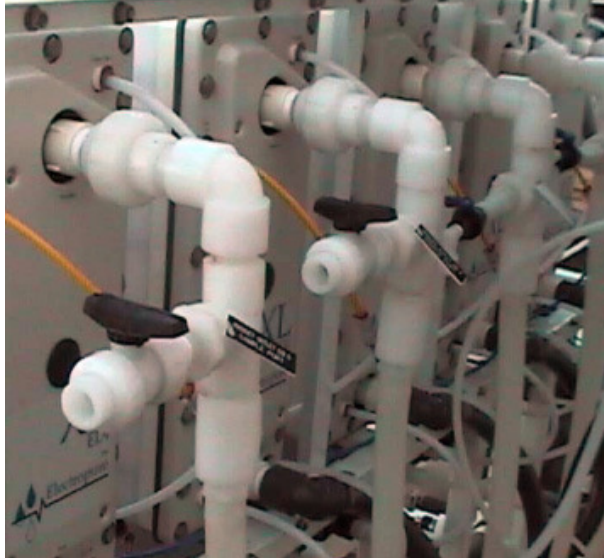


Electronics Manufacturing



Electronics, semiconductor, and other manufacturers of high-technology products are constantly in need of ultrapure water. Haliant Technologies has the experience and products to provide the right ultrapure water solution for the electronics industry, including double-pass reverse osmosis (RO), electro-deionization (EDI), and ion exchange.

Haliant has supplied an electro-deionization system for one of the world's largest DVD producers. This EDI system features all PVDF product water piping and treats 1-pass RO permeate for final polishing by mixed-bed ion exchange. Use of the Haliant-supplied equipment allowed the user to extend the service life of the ion exchange resin tenfold.

Treated Water Results	Raw Water	Treated Water
Turbidity	< 5 NTU	< 0.01 NTU
Total Suspended Solids (TSS)	< 50 mg/L	> 6 - log removal
Chemical Oxygen Demand (COD)	25 mg/L	> 6 - log removal
Total Dissolved Solids (TDS)	< 1,000 mg/L	> 15 megohm resistivity

