

## Precursor Liquid Delivery System

# ChemSource™ CSS

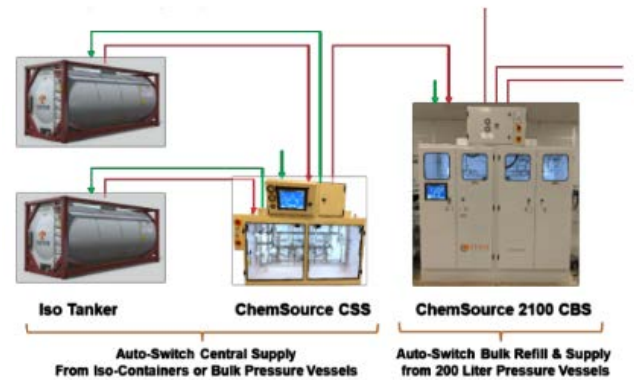
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**ChemSource™ CSS** is a fully automated auto-switch “Central Supply System” for transfer and delivery of liquid precursors from two Iso tankers or portable bulk pressure vessels to buffer supply liquid delivery systems delivery systems in a sub fab.

**ChemSource™ CSS** measures the chemical weight of each vessel, and auto-switches from the empty vessel to a full, standby vessel for continuous, uninterrupted bulk supply.

### Why choose ChemSource™ CSS?

- Economy of scale solution for fab-wide supply Bulk liquid precursors
- Part of turnkey bulk delivery from source to POU
- Remote, safe, and single-point, operator interaction for vessel changes
- User friendly software used in our full portfolio
- SEMI S2 compliant and QMS ISO9001-2018



### Applications

**ChemSource™ CSS** is ideal for fab-wide liquid precursors distribution to multiple points of use. Turnkey supply systems can be configured for redundancy and bypass functions to assure uninterrupted supply to all points of use. Well-suited of silicon precursors such as SiCl<sub>4</sub> and MTS CVD processes with high chemical consumption rates.

### Features

- Fully automated, auto-switch operation
- 1/2" UHP Plumbing with process valve cluster
- Application-specific vessel valved pigtails and pigtail boxes at point-of connection
- On-board maintenance circuits for push gas, purge gas, vent and vacuum functions
- Safety-rated for flammable chemicals