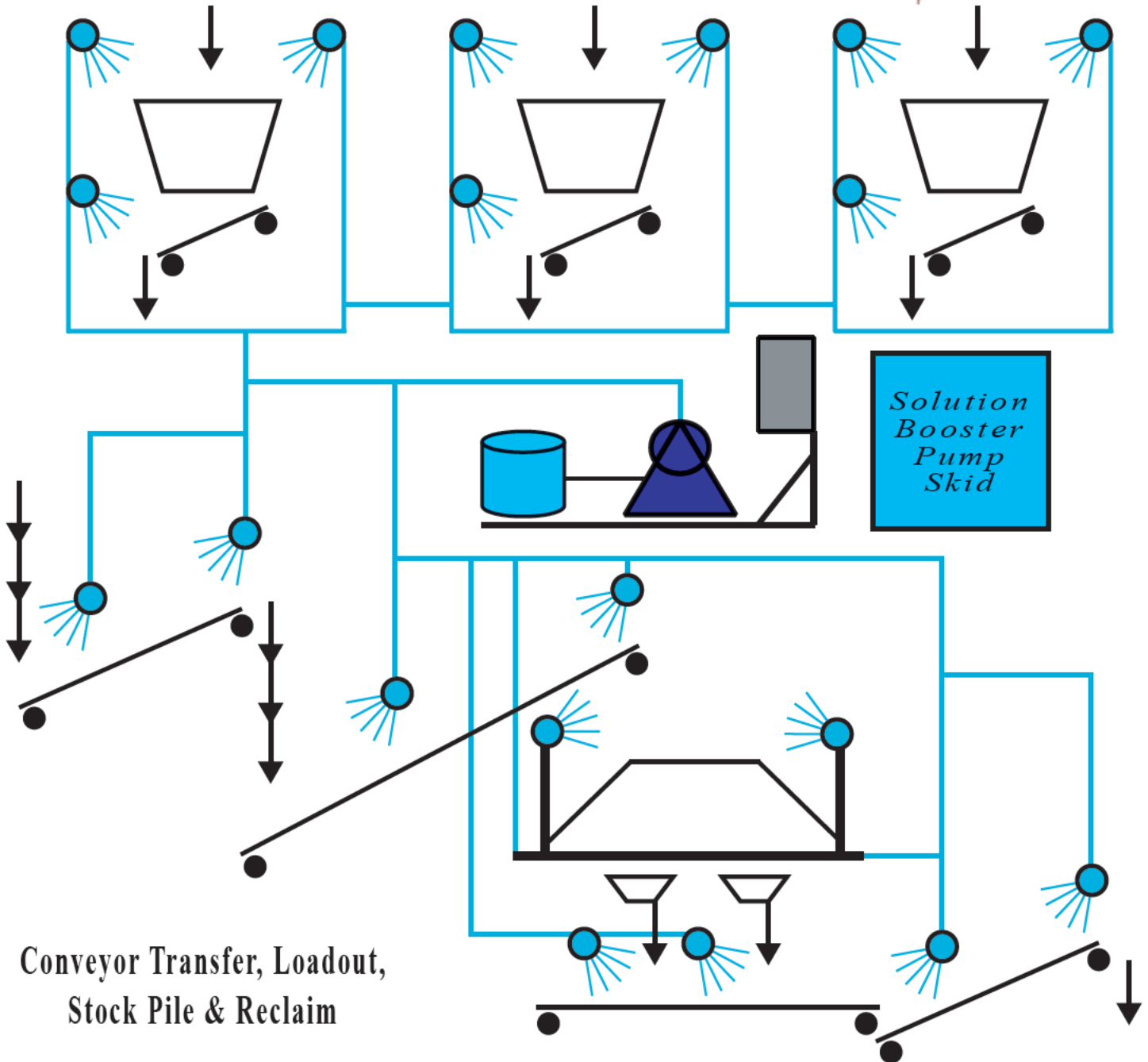


# DUST CONTROL FOR BULK MATERIAL HANDLING

Truck Dumps

Rotary Railcar Dumpers

Clamshell Unloaders



Conveyor Transfer, Loadout,  
Stock Pile & Reclaim

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# COMPLETE DUST CONTROL DESIGN

## Determination of Application

- Water Requirements
- Location of Sensors
- Control System Integration
- Optimum Placement of Spray Nozzles
- Minimum amount of Moisture added

## Equipment Provided

- Skid Mounted Booster Pump / Surfactant Pump
- Local Control Panel with plant DCS Interface
- Flow Control Cabinets (FCC)
- Material Sensing Devices (MSD)
- Pre-assembled Spray Header Manifolds
- Stockpile Stanchions and Water Cannons



## Typical Treatment Areas

- Truck, Rail, and Ship Unloading
- Conveyor Transfer points
- Primary, and Secondary Crushers
- Conveyor Reclaim Areas
- Stockpile Storage Areas

The following list is just some of the materials GCS is capable handling:

- |                  |                  |
|------------------|------------------|
| - Coal           | - Petroleum Coke |
| - Limestone      | - Sulfur         |
| - Hard Rock Ores | - Cement Clinker |
| - Gypsum         | - Bottom Ash     |