

# FRENIC-MEGA Application



## ***AEC Utilizes FRENIC-MEGA Drive for Water Transfer and De-watering Application***

AEC utilizes Fuji Electric's FRENIC –MEGA Drive for its liquid pumping applications. The FRENIC-MEGA withstands the extremely harsh environments and industries that this application is utilized in. Its value has been realized across multiple disciplines; mining, oil and gas, construction and agriculture projects. The FRENIC-MEGA is capable of overcoming extremely high starting torques that we see with the extreme pressures and different pumps styles we integrate. The FRENIC–MEGA integrates seamlessly with our automation system, allowing it to stop/start or speed up and down based on numerous conditions and inputs (including pressure, flow and level) allowing for precise control. Utilizing the FRENIC-MEGA has allowed our clients to use line power or natural gas turbines to run their pumps, instead of diesel engines. This has reduced emissions, and increased profits for our clients.

**AEC Industrial Solutions** designs and builds automation solutions for water transfer and dewatering applications. AEC's solutions are designed to increase efficiency, reduce emissions, and improve safety. Our solutions enable the end user to safeguard their employees by using automation to reduce unnecessary manpower and keep employees from entering dangerous situations. Fuji Electric's FRENIC-MEGA VFD series are high performance, multifunctional inverters providing the industry's highest performance for three phase motor applications. They are designed for 24/7 operation with embedded motor protection and critical maintenance functions.



**Fuji Electric Corp. of America** is a wholly owned subsidiary of Fuji Electric Co., and has been responsible for sales and distribution of the company's products since 1970. Fuji Electric began developing power electronics equipment in 1923, and is a global leader in industrial products.