

# INTELLIGENT PUMP CONTROL SYSTEM (IPCS)

Saluma's Intelligent Pump Control System is designed and manufactured for reliable well-water flow control. It integrates with other water systems' components such as those for the management and treatment of produced water.



The IPCS modular design integrates Saluma's structural, mechanical, electrical and instrumentation engineering capabilities,\* featuring:

- Precise well-water level with water flow rate or volume controls
- Datalogging capabilities available for operation history and compliance with approvals
- Standardized for proven reliability and rapid delivery
- Customizable to suit client requirements



**RELIABLE OPERATION  
WITH LONG SERVICE  
LIFE AND MINIMUM  
MAINTENANCE**



**SUITABLE FOR  
MULTIPLE WATER  
SERVICES, INCLUDING  
SOUR WATER**



**MAXIMIZE WATER  
PRODUCTION AND MINIMIZE  
ENERGY CONSUMPTION**



**OPERATIONAL DATA  
PRESENTED IN  
REAL TIME**

\*Engineered to CSA certification under ISO 9001 quality systems with 24/7 technical support



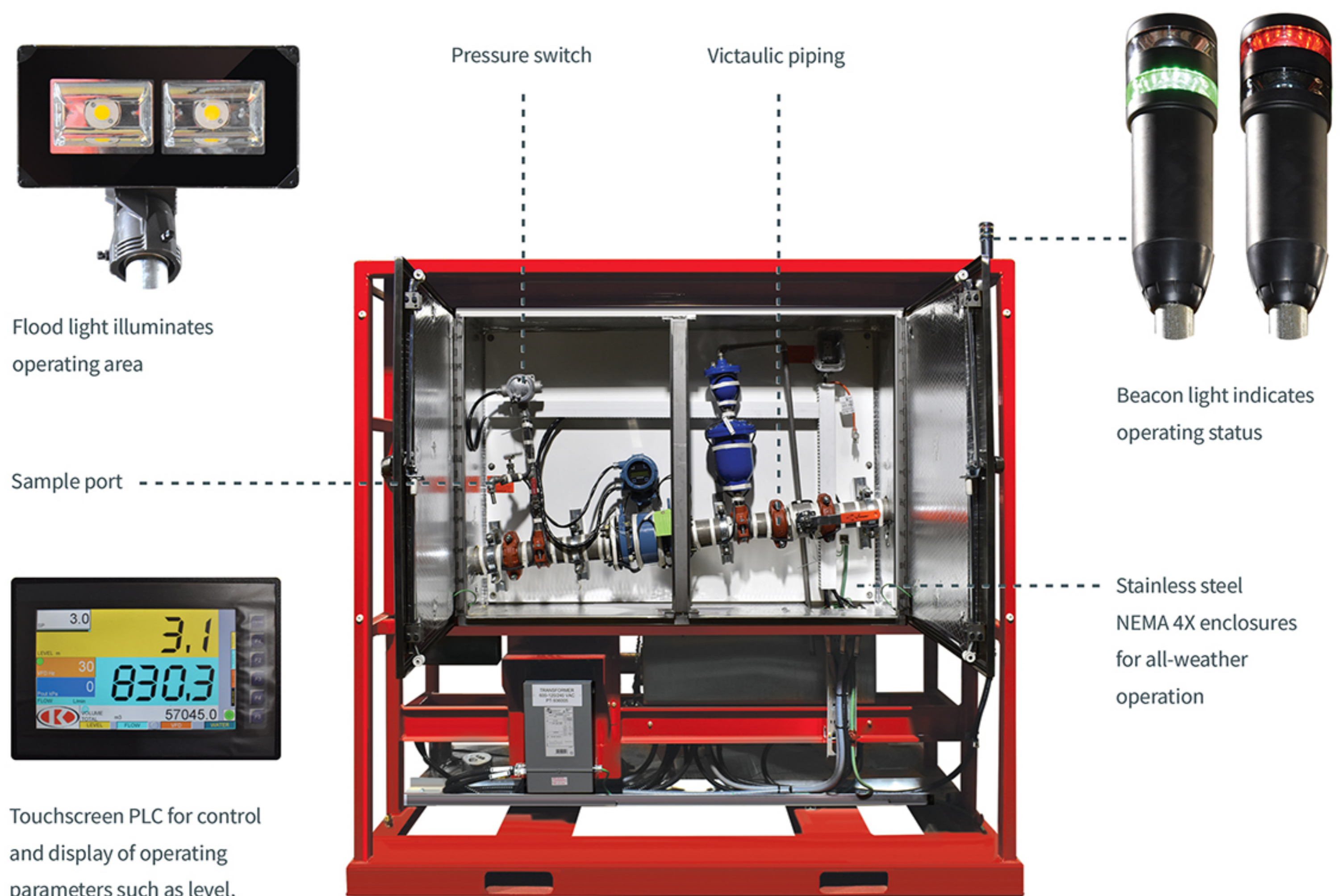
# Intelligent Pump Control System (IPCS)

## Seamless integration with various operational systems

- Proven systems for well pump control at major oilsands producers
- Plug-and-play design for ease of operation
- Variable Frequency Drive (VFD)
- Integration with other systems such as mine-compliant power systems
- Winterized for cold-weather operation

## Optional Features

- Can operate with sour-water abatement technologies
- System works with range of pump motor power
- Optional pressure transducer and stainless steel welded piping
- Uploading data in real-time to cloud-based servers
- Rental units available



Flood light illuminates operating area

Sample port



Touchscreen PLC for control and display of operating parameters such as level, flow and/or pressure

Pressure switch

Victaulic piping



Beacon light indicates operating status

Stainless steel NEMA 4X enclosures for all-weather operation

\* Standard IPCS shown

## Dimensions

- L 2.3 m (7' 6")
- H 2.1 m (6' 11")
- W 1.2 m (4')
- 1,084 kg (2,390 lbs)



Easily moved by forklift and transported by flatdeck

