

# CASE STUDY

## CIP Process Skid Increases Production Efficiency for Neutrogena

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### JOB OVERVIEW

#### Key Features

- Complete sanitary design compliant with FDA regulations
- Allen Bradley Control Logix PLC's
- InBatch by WonderWare system platform
- Modular design for schedule compression and ease of installation

#### Challenges

- Integrating three separate PLC's for 2 CIP systems with one gateway control system
- Extensive validation documentation

#### Impact

- Existing CIP system was upgraded and tied into the new system
- Addition of new system Increased production flexibility

### THE EPIC SOLUTION



To increase production efficiencies during product changeovers for a leading cosmetics company, EPIC designed, manufactured and integrated a Clean-In-Place (CIP) process skid. EPIC was challenged with integrating the new system with an existing CIP system to make the two units operate as one.

EPIC's team of automation engineers integrated and programmed three separate control panels. One panel for each system and an additional gateway panel to make the two systems act as one were programmed with standardized architecture and integrated together.

To meet FDA compliance on sanitary process skids, the project management team prepared an extensive 8,000 page turnover package to aid in system validation. EPIC's team was present through installation, commissioning and the validation effort.

The system was delivered and commissioned on time within budget.