The Team

Aron Varhegyi, Senior ME
Brian Brady, Sophomore AE
Greg Herbert, Sophomore ME
Paul Butkovich, Junior ME

Engine / Gearbox Selection

High Torque GE Motors
- Vertical: 2 motors 75 HP
- Horizontal: 2 motors 100 HP
- Reduced est. cost by 1751%

Vertical Gearbox
Horizontal Gearbox

Logistics

# of Cars Parked vs. Time

40 sec < Time to Park a Car < 1 min 27 sec
Time to Fill up Garage: 2 hr 10 min

Senors

SAP 2000 Analysis

Timeline

Timeline

Horizontal Gearbox

Logistics

Human Interface Redesign
Platform GE FANUC Automation
Implementation of GE FANUC Automation

Future

Analysis
Optimization

Optimization

Analysis