A TALE OF TRIUMPH!

Connecting the Field, Office, and Green Screen
AS/400 HISTORY

- INSTALLED IN THE EARLY 70’S
- MIDRANGE COMPUTER SYSTEM
- STILL RUNS SOFTWARE WRITTEN 30+ YEARS AGO
- HOUSES OUR CUSTOMER & ACCOUNTING DATA
MAP HISTORY

• PAPER MAPS
  • HAND DRAWN
  • OVER 200 (24” X 36”) ROUTE MAPS
  • OVER 4000 (8-1/2” X 11”) VALVE DETAIL SHEETS
PENCIL DRAWING W/FITTINGS
PENCIL DRAWING W/DIMS S
TRANSFERRED TO PLASTIC
SCALE: 1” = 200’
VALVE DETAIL ON PLASTIC
NOT TO SCALE
MUSEUM PIECES
MAP HISTORY

• AUTOCAD
  • DIGITIZED PAPER ROUTE MAPS
  • REDRAW VALVE DETAIL SHEETS
  • DIFFICULT FOR MAPPING
    • LACKED A BASE MAP
CAD VALVE DETAIL
PLOT SCALE: 1” = 20’
GIS INTRODUCTION

• INTRODUCED TO ARCVIEW IN THE LATE 80’S
• DESIGNED FOR MAPPING
  • INTELLIGENT
• ENTERPRISE GEODATABASE
  • ESRI’S ARCGIS SUITE
    • ARCINFO
    • ARCEDITOR
    • ARCMAP
  • GIS LAB
TERREBONNE PARISH

- 2 SURFACE WATER TREATMENT PLANTS
- 4 RAW WATER PUMP STATIONS
- 4 GROUND STORAGE TANKS
- 10 PUMP STATIONS
- 1000 MILES OF PIPE
- 16 ELEVATED TANKS
- 2 STANDPIPES
SCADA
HYDRAULIC MODELING
TO THE FIELD

• SHARING DATA WITH FIELD OPERATIONS
• COLLECTING DATA FROM FIELD OPERATIONS
• WORKING SMARTER NOT HARDER
THE DASHBOARD

• AS/400
  • CUSTOMER DATA

• SCADA
  • REAL TIME DATA

• MODEL
  • CRITICALITY
  • WATER QUALITY

• GIS
  • ASSET MANAGEMENT
SEDARU SLIDES START HERE
MOVING FORWARD

• AUTOMATED DISPATCH
• SMART ROUTING
• REAL TIME REPORTING
• INFORMED DECISION MAKING