SWISS ARMY KNIFE FOR BAPLIE FILES

- Columnar Views
- Search, filter by
- Filter by, Color By
- Summaries, counts
- Pivot Tables
TEDIVO LLC – BAPLIE Viewer Online

SWISS ARMY KNIFE FOR BAPLIE FILES

- 2D & 3D Views
- Single Bay, Full ship
- Container Details
TEDIVO LLC – BAPLIE Viewer Online

SWISS ARMY KNIFE FOR BAPLIE FILES

- Anomalies highlighted and fix format or content errors
- Compare Multiple files, merge multiple files
- Add/edit/delete boxes
- Import Excel, flat files
- APIs for integration
SWISS ARMY KNIFE FOR BAPLIE FILES

- Basic Operations
  - Discharge
  - Load (Full, MTY)
    - Create Cntrs
    - Generic MTYs
  - Restows
- Printing Sequence Plans
6145 active ships

Ship Operators
- Top 5, 65.1% of TEU Capacity
- Top 10 -> 83.2%

10,000 port calls/week
- ~ 2 calls/week/ship
- Avg Port Stay of 28 hours
- Avg Call Sizes ~2500 TEU

EDI Primary mode of communication
- Bookings, BLs, Releases, etc.
- BAPLIEs (Min of 4 per Call), plus supporting EDI
- ~ 2,000,000 – 20,000,000 BAPLIEs/ year

Sources – Alphaliner 100, World Shipping Council, JOC
Container Supply Chain Dynamics

Relay Race
- Complete visibility
- Limited participants
- Highly coordinated

Container Supply Chain
- Limited visibility
- Unlimited participants
- Coordination and reach limited by legacy systems and technologies
Enabling Technologies – The Cloud

Benefits
- Availability, Visibility, Resiliency, Security
- Internal collaboration and integration
- Partner and customer integration
- Enabling Technology - Easy to adopt additional services

Challenges & Opportunities
- Transitioning to the cloud
- Participating in industry platforms
  - Who owns the data?
  - Who makes money?
  - Am I at a competitive disadvantage?
Enabling Technologies – ML/AI

Key Requirements

- Large amounts of data
  - Patterns and inference
- Model and Predictions
- Continuous Learning

Unlimited Areas of Study

- Port traffic & flow
- Yard Planning, Gate Flows and Appointments
- Optimal Berth Strategies
- Terminal and Port congestion mitigation, etc.
- Vessel network changes and deployments
Enabling Technologies – IOT

Ship Operators, Ports & Terminals perfect candidates for IOT Deployments

• Asset based
  • Ships
  • Cranes, RTGs, Trucks, VMTs
  • Gate Systems
  • OCR, PDS, GPS, Cameras
  • Berth based sensors

• High volume of transactions
• Limited geographic areas
• Controlled ingress/egress
Thank You