JRS-Inspect Advisory Task Group

- Created in 2021 on initial development
- 3 Carriers
  - HSB – Scott Brodkorb
  - FM Global – Philip Cole
  - Travelers Insurance - Bill Barbato
- 4 Jurisdictions (3 US, 1 Canadian)
  - Lousiana – Donnie Lesage
  - New York – Matt Sansone
  - Alabama – Eddie Wiggins
  - Prince Edward Island – Steve Townsend
Product Overview
JRS Jurisdictional Workflow Support

- **Plan Work/Perform Inspection**
  - Search and Add Appointments
  - Perform Inspections

- **Enter Inspection Results**
  - Manage Location/Contact Information
  - Enter Inspection/Violation Information

- **Perform QA/Generate Invoice**
  - Online Inspection Review/Approval
  - Send Invoice to Invoice Contact

- **Enter Payment Info/Generate Cert**
  - Enter Payment Information
  - Issue Certificate

The National Board of Boiler and Pressure Vessel Inspectors
JRS Carrier Workflow Support

- Location Matching/Account Setup
  - Policy Mgmt. Integration
  - AI/Manual Location Matching

- Plan Work/Perform Inspection
  - Build Appointments/Plan Route
  - Enter Inspection & Violation/Rec Information

- Post Inspection Workflow
  - Time and Expense
  - Letters

- Enterprise System Integration
  - Data Marts
  - Reporting
Development Roadmap Items – Complete

- Login and Homepage
- Configuration
- Inspection Workflow
JRS Inspection

<table>
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<th>Juris #</th>
<th>NB #</th>
<th>Category</th>
<th>Mfg</th>
<th>Yr Built</th>
<th>Loc in Plant</th>
<th>Next Insp Type Due</th>
<th>Due Date</th>
<th>Status</th>
<th>Violations</th>
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JRS Roadmap

Carrier Workflow

Jurisdictional Workflow

Data and Testing
JRS System Overview and Summary

Single, Shared Database

Carrier or Jurisdictional Inspector

North American Support

Centralized Data

In-Service Inspections

Registrations

Repairs

The National Board of Boiler and Pressure Vessel Inspectors
Technical Overview
The Technical Edge

- Future Proofing the product
- Ahead of the curve
- Staying current
- Inventing not reinventing
Cloud Technologies

- Offload infrastructure
- Load balancing and auto scaling
- Service integrations
- Federated security between services
Modern Tooling

• Automated testing

• CI/CD pipelines

• Agile methodology

• Business rules engine
In the Works

• Microservices
• Serverless architecture
• Event driven design
• Data and big data tooling
What does this mean for you?

- Faster integrations
- Near real-time data exchange
- Authentication integrations
- Fast deployments
Technical Overview
JRS Summary

- Birth to death tracking of equipment (including EDT – JRS-Register)
JRS-Register Advisory Task Group

Recently created on shift from EDT development

2 Boiler Manufacturers
- Fulton Boiler Works – Melissa Wadkinson
- Raypak – Robert Black

2 Pressure Vessel Manufacturers
- Quality Steel – Tom Vandini
- Samuel Pressure Vessel Group – Patrick Evans

2 Repair Organizations
- Joe Moore & Co – Kathy Moore
- Redman Equip. & Manuf. – Armando Villeneda

2 Insurance Companies
- HSB – Ben Reece
- FM Global – Jeffrey Waybright

1 Jurisdiction
- Province of Nova Scotia – Donald Ehler
JRS Summary

- Birth to death tracking of equipment
- Specific workflow support, single centralized database
- Built by the industry, for the industry
- Influence inspection and violation standardization
- Ability to work directly with stakeholders to address the needs of the ecosystem
- Completely managed by the National Board as a non-profit
- Never to be bought or sold
1st Release – 1st Quarter 2023

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