

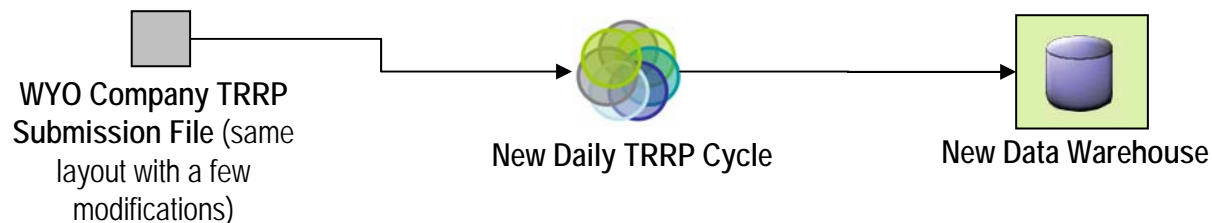
EDG TRRP Data Focus

- **Part A: TRRP Database Edits**
 - Covered in EDG Meeting 2
- **Part B: TRRP Claims and Policy Business Edits**
 - This presentation will introduce the business edits, decision and potential solutions
- **Part C: TRRP Business Edit Change**
 - One TRRP Element Change: Cat Number



TRRP Business

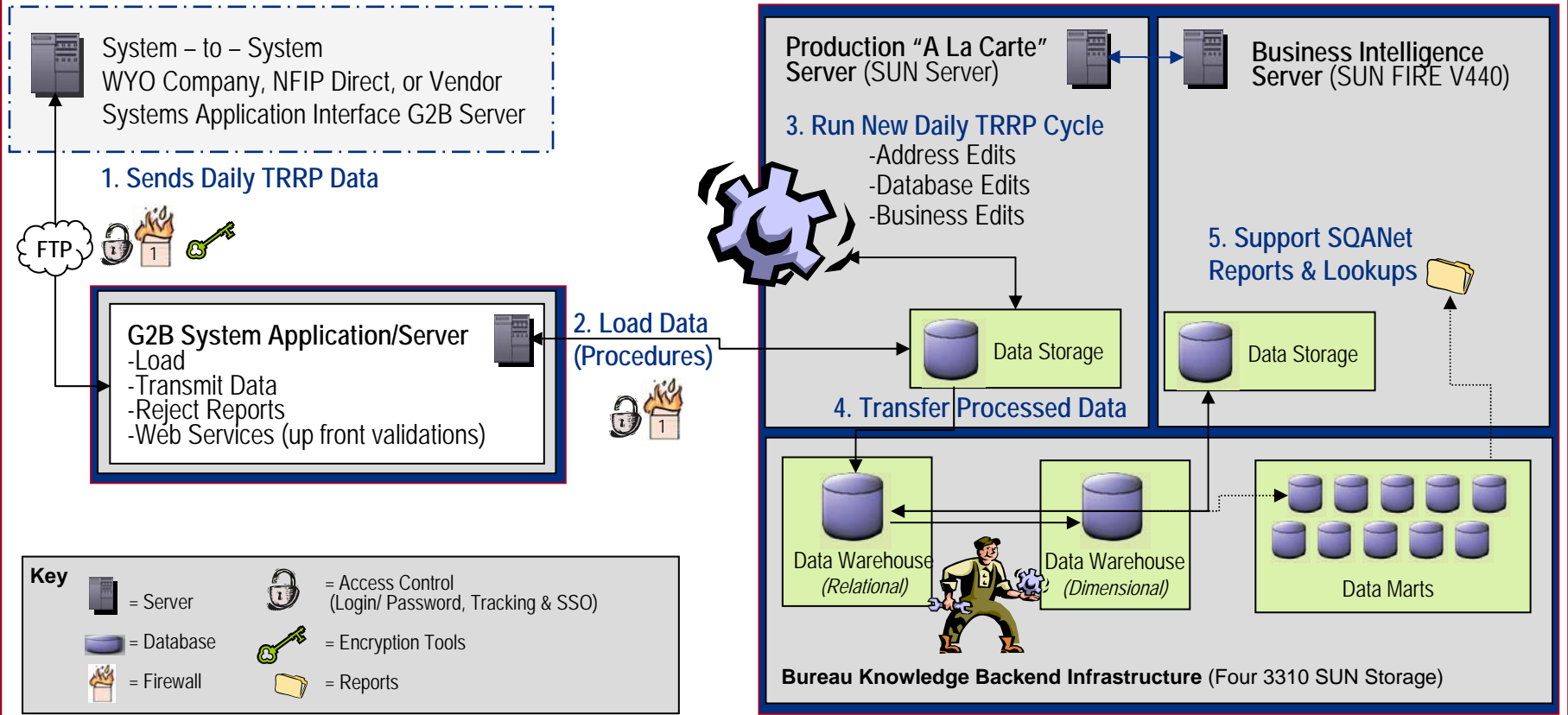
- IT NFIP Modernization to the New NextGen Systems requires changes to the current TRRP submission, logic and error types
- Driving technical change agent/components
 - Daily TRRP cycle from monthly cycle
 - Reengineering mainframe logic to proven and up-to-date technologies, such as web services
 - Migrating from a hierarchical mainframe database to Oracle relational data warehouse



Goal: Minimize impact to WYO companies and/or their vendors

NFIP NextGen Bureau Production Architecture/Environment

NextGen Daily TRRP Edit Cycle



High-Level Daily TRRP Edit Cycle Workflow

- WYO Company or Vendor securely sends Daily TRRP Data to NextGen's FTP Server
- Data is loaded into the NextGen Staging Data Warehouse
- Data is processed through the NextGen Daily TRRP Cycle
- Processed Daily TRRP data is transferred into the Core Data Warehouse
- Data is moved into Data Warehouse Data Marts to support SOANet Reporting and Lookup generation



• Part B: TRRP Claims and Policy Business Edits

- A “Business Edit” is the TRRP logic that validates TRRP records. A business edit may yield a critical errors or be error free. The business edits are listed in the TRRP Manual/Edit Specs Documentation.
 - This decision relates to only 250 TRRP data elements (see supporting documentation).
- Examples
 - “Contents Claims Payment (ACV)” – for a loss may not be less than zero.
 - “Date of Loss” – Must be within a Policy Term.
 - “Property Zip Code” – Zip Code is invalid
 - “Map Panel Number” – Map Panel Number Cannot Be Zeros Or Blanks.
- This decision covers the Daily TRRP and ETL data (Data processed using the mainframe that will be absorbed in the new NextGen data warehouse.)



B. Business Edit Decision & Solutions

Solution	Benefits	Impacts
<p>1. Data Integrity Enforce Long - Standing TRRP Data Integrity Requirements for new NextGen and Mainframe Processed data</p>	<ul style="list-style-type: none"> -Improve Data Quality and Integrity - Better Analytical Reporting (business intelligence) 	<ul style="list-style-type: none"> - WYO Co. will need to comply to modified TRRP Requirements -TRRP Reporting reflects only valid data -WYO Co. will be responsible for accurate & clean data. Critical errors will remain critical, but the file will also be rejected.
<p>2. Status Quo</p>	<p>No Change</p>	<ul style="list-style-type: none"> -No Improvement to Data Quality/Integrity -As-is Analytical Reporting
<p>3. Hybrid Analyze TRRP Elements and reject only some critical errors and not others based on analyses and tests.</p>	<ul style="list-style-type: none"> -Limited Data Improvement, better than status quo -Lower impact than Option 1 for WYO Co. -Quality/Integrity -Better Analytical Reporting 	<ul style="list-style-type: none"> - WYO Co. will need to comply to modified TRRP Requirements -TRRP Reporting reflects only valid data -WYO Co. will be responsible for accurate & clean data. Critical errors will remain critical, but the file will also be rejected.

1. Data Integrity Solution

- **Scenario:** The NextGen system processes TRRP data elements through the TRRP business edit process. Records will be either clean and “error free” or incorrect and stamped with a “critical error.”
 - Error Free (Accurate/correct) data elements will be committed to the data warehouse
 - Error (Inaccurate/Incorrect) data record will be rejected
 - NextGen will utilize a “Fail” action instead of “Update” action for database edits.
 - These errors are currently critical errors.
 - The WYO company will have to fix this error before any other transaction can occur on this record.
- **Benefit:** Improved Data Integrity
 - Reporting is performed only on valid and “accurate” data
 - Data will not be “excluded” in parameter-driven reports (business intelligence)
 - Daily TRRP communications will help minimize errors to improve company standings



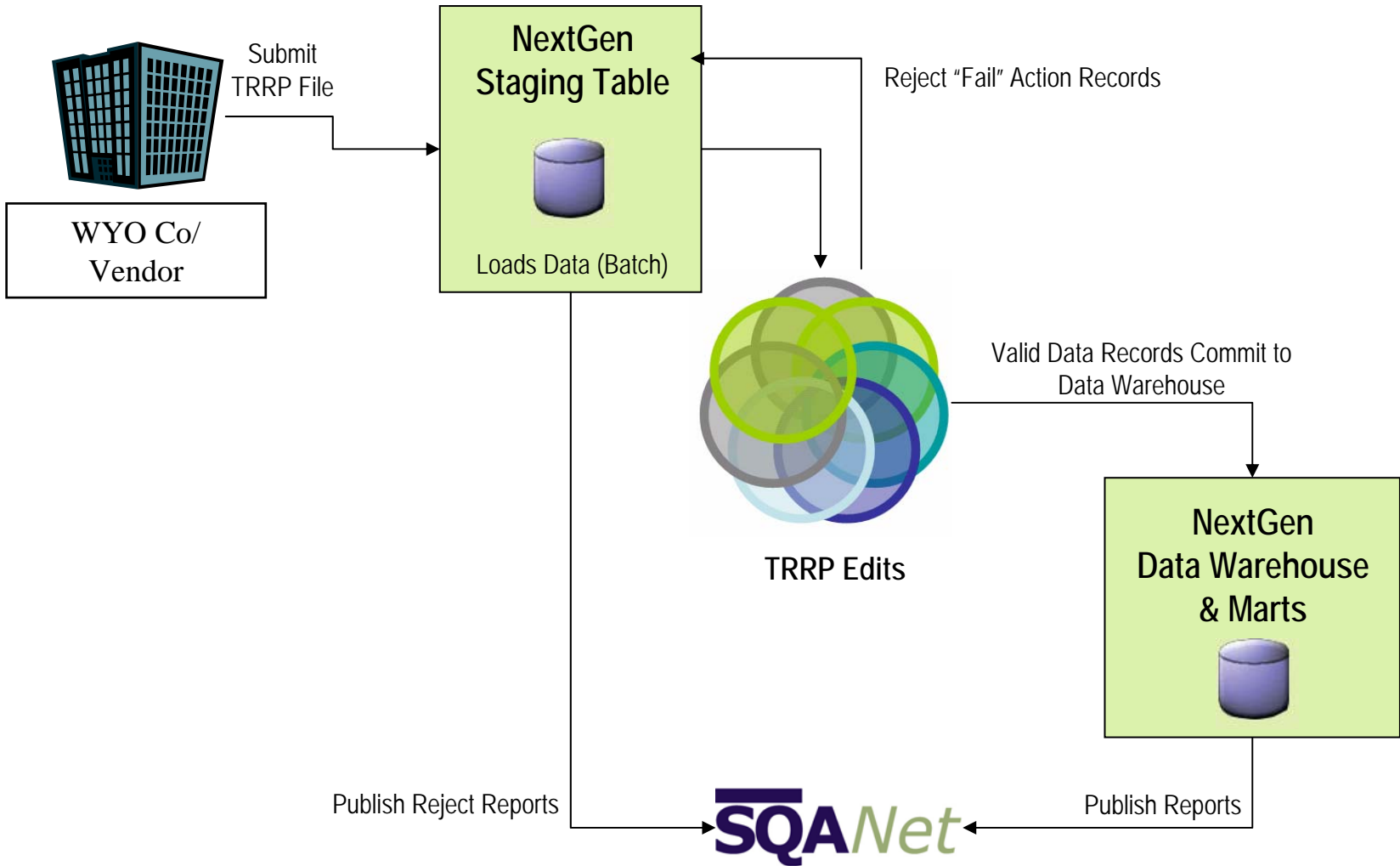
Data Integrity Solution (Continued)

- **Impact:**

- WYO companies will continue to be responsible for their data submissions.
 - They will have to resubmit failed records.
 - This may increase rejects and possible reject/error counts, if transactions are submitted on records that have “failed” and have not be resubmitted.
 - This puts the burden on the WYO company to submit correct and accurate data. FREE, Company Claims and Location Validations will be available to the companies for upfront edits and validations as a preventative measure.
- Minor changes in the “NFIP TRRP Edit Specification for the WYO Company” document will be made to clarify the enforced changes



Data Integrity Solution (Continued)



2. Status Quo Solution

- **Scenario:** The NextGen system processes TRRP data elements through the TRRP business edit process. Records will be either clean and “error free” or be incorrect and stamped with a “critical error.”
 - Error Free (Accurate/correct) data elements will be committed to the data warehouse
 - Error (Inaccurate/Incorrect) data elements will be committed to the data warehouse
- **Benefit:** No Change
 - No improvement to data quality
 - No improvement to reporting
- **Impact:** No Change



3. Hybrid Solution

- **Scenario:** Review the business edits to determine which edits are important for FEMA reporting needs. Also review the data to ensure it is the lowest impact on the WYO companies to enforce.
 - The analyses would have some data elements that would be treated as scenario 1 “data integrity” and others as scenario 2 “status quo.”
- **Benefit:** Improved data integrity with some data elements without impacting to WYO companies greatly.
 - Reporting is performed only on valid and “accurate” data for the most important data elements
- **Impact:** WYO companies will continue to be responsible for their data submissions.
 - They will have to resubmit failed records.
 - This may increase rejects and possible reject/error counts, if transactions are submitted on records that have “failed” and have not be resubmitted.
 - This puts the burden on the WYO company to submit correct and accurate data. FREE, Company Claims and Location Validations will be available to the companies for upfront edits and validations as a preventative measure.
 - Minor changes in the “NFIP TRRP Edit Specification for the WYO Company” document will be made to clarify the enforced changes



- **Part C: TRRP Business Edit Change**
 - Change catastrophe number reporting to “Yes” or “No” instead of the actual catastrophe number
 - New NextGen logic
 - If yes, the system would compare the date of loss, state and community with the accurate catastrophe number
 - If no, no catastrophe number would be associated
 - Impact: Minor change for WYO companies
 - Benefits:
 - Standardization for associating catastrophe numbers
 - Increase data quality for reporting

Options are to change the catastrophe reporting or not.

