

NFR Scenario	Functional Requirements
<p>NFR Scenario 1 (Authentication and integrity)</p>	<p>REQ2: The audit report shall include the total number of recycled parts used in the estimate. REQ3: The audit report shall include the number of available recycled parts from the original search results. REQ4: The audit report shall include the percentage of available recycled parts used in the estimate. REQ6: The audit report shall be available to other adjusters at later points in time. REQ15: The VRR system shall search for available recycled parts for the supplied vehicle parts of suppliers. REQ16: The VRR system shall retain the available recycled parts and suppliers returned from the search. REQ18: The VRR system shall generate an audit report based on the available recycled parts and the collision estimate. REQ19: The user shall select to view the preferred repair facility ratings. REQ20: The current repair facility ratings shall be displayed to the user. REQ22: The user shall enter new ratings based on the audit report. REQ25: The user shall select to save the preferred repair facility ratings. REQ26: The preferred repair facility ratings shall be saved by the system. REQ31: The estimator shall search for available recycled parts using damaged vehicle parts information. REQ32: The estimator shall search for available recycled parts using a list of preferred parts suppliers. REQ35: The recycled parts search results provided to the estimator shall be retrieved by the VRR system.</p>
<p>NFR Scenario 2 (Fault tolerance)</p>	<p>REQ10: The VRR system shall resolve the zip code for the street address, city, and state if zip code is unknown (or not directly entered by the user). REQ16: The VRR system shall retain the available recycled parts and suppliers returned from the search. REQ18: The VRR system shall generate an audit report based on the available recycled parts and the collision estimate. REQ22: The user shall enter new ratings based on the audit report. REQ25: The user shall select to save the preferred repair facility ratings. REQ26: The preferred repair facility ratings shall be saved by the system. REQ34: The estimator shall apply selected recycled parts to the collision estimate. REQ35: The recycled parts search results provided to the estimator shall be retrieved by the VRR system.</p>
<p>NFR Scenario 3 (Performance)</p>	<p>REQ1: The audit report shall be displayed to the user. REQ2: The audit report shall include the total number of recycled parts used in the estimate. REQ4: The audit report shall include the percentage of available recycled parts used in the estimate. REQ5: The audit report shall include the total score of the audit which sums the individual line items.</p>

	<p>REQ7: The user shall search for the preferred repair facility using vehicle location and radius in miles.</p> <p>REQ12: The search radius shall be between 1 and 30 miles.</p> <p>REQ15: The VRR system shall search for available recycled parts for the supplied vehicle parts of suppliers.</p> <p>REQ16: The VRR system shall retain the available recycled parts and suppliers returned from the search.</p> <p>REQ19: The user shall select to view the preferred repair facility ratings.</p> <p>REQ20: The current repair facility ratings shall be displayed to the user.</p> <p>REQ22: The user shall enter new ratings based on the audit report.</p> <p>REQ25: The user shall select to save the preferred repair facility ratings.</p> <p>REQ26: The preferred repair facility ratings shall be saved by the system.</p> <p>REQ31: The estimator shall search for available recycled parts using damaged vehicle parts information.</p> <p>REQ32: The estimator shall search for available recycled parts using a list of preferred parts suppliers.</p> <p>REQ33: The estimator shall search by zip code with a radius of 30 miles if no parts are found for the preferred parts suppliers.</p> <p>REQ35: The recycled parts search results provided to the estimator shall be retrieved by the VRR system.</p>
<p>NFR Scenario 4 (Scalability)</p>	<p>REQ15: The VRR system shall search for available recycled parts for the supplied vehicle parts of suppliers.</p> <p>REQ16: The VRR system shall retain the available recycled parts and suppliers returned from the search.</p> <p>REQ30: The adjuster shall request a recycled parts' audit of the collision estimate.</p> <p>REQ31: The estimator shall search for available recycled parts using damaged vehicle parts information.</p> <p>REQ32: The estimator shall search for available recycled parts using a list of preferred parts suppliers.</p> <p>REQ35: The recycled parts search results provided to the estimator shall be retrieved by the VRR system.</p>