**Example Values**

* **Affiliate Balance**: $87,636,873.46
* **Certificate Balance**: $58.84
* **Amount to Process**: $940
* **Minimum Balance Requirement**: $1,000

**Steps**

1. **Retrieve Values**:
   * Collect the amount ($940), affiliate balance ($87,636,873.46), and certificate balance ($58.84).
   * Since the amount is defined, proceed to check the action type.
2. **Determine Action Type**:

**Action Type: Add to Cert**

1. **Condition Checks**:
   * Check that the remaining affiliate balance after addition meets the minimum:
     + **Calculation**: $87,636,873.46 - $940 = $87,635,933.46
     + $87,635,933.46 is well above the $1,000 minimum, so this check passes.
   * Check that the new certificate balance after addition meets the minimum:
     + **Calculation**: $58.84 + $940 = $998.84
     + $998.84 is below the $1,000 minimum, so this check fails.
2. **Warning**:
   * A warning message is displayed because the certificate balance after adding the amount does not meet the minimum.
3. **Clear Warning**:
   * Since the second check fails, the warning remains.

**Action Type: Withdraw from Cert**

1. **Condition Check**:
   * Check that the certificate balance after withdrawal meets the minimum:
     + **Calculation**: $58.84 - $940 = -$881.16
     + -$881.16 is well below the $1,000 minimum, so this check fails.
2. **Warning**:
   * A warning message is displayed because the certificate balance would fall below the minimum.
3. **Clear Warning**:
   * Since the check fails, the warning remains.

**Action Type: Specific Balance**

1. **Calculate specificBalCheck**:
   * Compute specificBalCheck as certificate balance - amount.
   * **Calculation**: $58.84 - $940 = -$881.16.
2. **Determine Action Based on specificBalCheck**:
   * Since specificBalCheck is less than zero (-$881.16), this indicates an "Add to Cert" action.
   * **Condition Checks** for Add:
     + Check if the affiliate balance after adding $940 meets the minimum:
       - **Calculation**: $87,636,873.46 - $940 = $87,635,933.46
       - $87,635,933.46 is well above $1,000, so this check passes.
     + Check if the new certificate balance after addition meets the minimum:
       - **Calculation**: $58.84 + $940 = $998.84
       - $998.84 is below the $1,000 minimum, so this check fails.
   * **Warning**:
     + A warning message is displayed because the new certificate balance after the addition does not meet the minimum.
   * **Clear Warning**:
     + Since one check fails, the warning remains.

In this example, both "Add to Cert" and "Specific Balance" actions fail the certificate balance minimum requirement. Consequently, they both trigger a warning. The “Withdraw from Cert” action also fails, as it would result in a negative certificate balance, and therefore it also triggers a warning.