Troubleshooting Action Patterns

> 🔔 No Action Pattern is ever complete and ready for release **until it is tested**.

Testing and Troubleshooting Action Patterns

1. **Load** a **Customer** for testing the action pattern.
2. Navigate to the **Systems** and **Programming** then add an Event (Event Actions Programming) and tie that **Action Pattern** to that event and zone.
3. Track the Customer to yourself.
4. Open the Manual Signal form and select the system and transmitter where the programming resides.
   1. **Enter the event code and zone** (when noted) that should receive the action pattern.
   2. **Send** the Manual Signal.
5. **Verify**
   1. Is the Action Pattern Correct?
      - If not:
         - It could be that the **event or the zone** is incorrect on the programming.
         - Or, the record **didn't save**.
         - Or, there is some **Raw Event programming** on the Customer or Transmitter Type overriding the event.
   2. When action-ing the items do they function as expected?
      - If not:
         - Check the item. Is it **entered correctly?** Does it have a **query that is failing?**
   3. Does the "**happy path**" work as expected?
      - If not:
         - Check any **logic** or **nesting**.
   4. Does the "**negative path**" work as expected?
      - If not:
         - Check any **logic** or **nesting**.
6. After **successful verification**, the Action Pattern is **ready** for release.