Recent Custom Logic Upgrades

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Technical Development Manager

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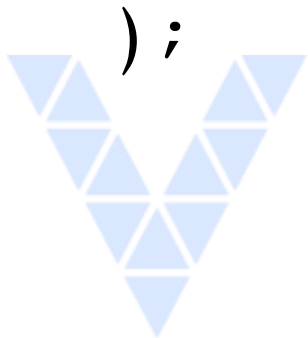Technical Development Manager

Custom Logic

- 4 Types
  - Custom Validation
  - Custom Events
  - Custom API
  - Custom Event
- Planned
  - Custom Notifications
  - Custom Escalation Criteria
  - Custom Dashboard Widgets
  - Conditional Logic to Custom Logic

Custom Logic Committing Data

- Save Commits

```
$this->call(
   'saveService',
   [ ... ],
   $commitOnSuccess //true or false
);
```

Custom Logic – Sending Messages

- Sending System Messages

```
$response = $this->sendSystemMessage(
    'Test Message',
    'This is a message.',
    123,
    'Descriptive Identifier'
);
```
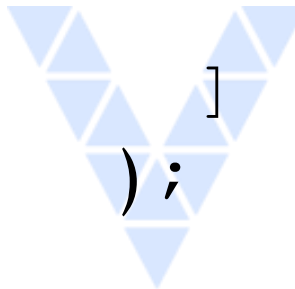
- Generated From: PCR Custom Event: Descriptive Identifier

Custom Logic - Report Rendering

- Custom Report

```
$report = $this->call(
  'renderCustomReport',
  [
    'identifier' => 'myReport',
    'format' => 'pdf'
    ...    //other report params
  ]
);
```

Custom Logic - Report Rendering

- Cable View Path Report

```
$reportPdf = $this->call(
  'renderCableViewPath',
  [
    'recid' => 123,
  ]
);
```

Custom Logic – Creating Files

- Building CSV Data
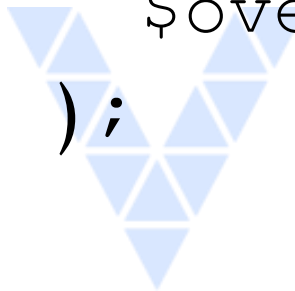
```
$csv = $this->arrayToCsv([1,2,3,4,5]);
```

- $csv will look like "1,2,3,4,5"

Custom Logic – Creating Files

- Saving Inbound/Outbound File

```
$this->createFile(
  'filename',
  " ... Content Here ...",
  "OUTBOUND", // or INBOUND
  $overwrite // true or false
);
```
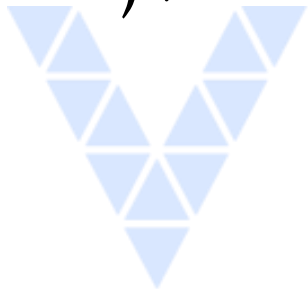
Custom Logic – Putting it Together

```
$array = [
  ['a', 'b', 'c', 1, 2, 3],
  ['d', 'e', 'f', 4, 5, 6]
];

$csv = $this->arrayToCsv($array);

$bytesWritten = $this->createFile(
  'myCSVFile.csv',
  $csv,
  'INBOUND',
  true
);
```

Custom Logic – Calling Events

- Calling Custom Events

```
$result = $this->callCustomEvent(
    'eventIdentifier',
    [
        ... data here ...
    ]
);
```

Callable Functions

```
$fnctName = function(
  $parameter1,
  $parameter2,
  ...
){
  // Do something in the function
  // with the parameters
};


$fnctName->call($this,$param1,$param2);
```

Custom Logic Misc.

- Debug Microtime
- Collapsable Sections!!!
- Backtrace: CV & CE
- Lots and Lots of new Functions
- Overhauled Documentation