

# Setting up monitoring

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## What can I monitor?

At certain milestones of the user experience, Speedy PV will generate a set of information about the event. This information includes the name of the event, the time at which it occurred, some data associated with the event and the tool, and a session ID for that instance of the tool.

Some examples of the events that you can track within Speedy PV are:

- `tool_loaded`
- `address_selected`
- `energy_inputs_provided`
- `estimates_generated`
- `estimate_submitted`

We'll continue to add more trackable events as time progresses so you can track usage data with greater precision.

## How can I track this information?

Event data is passed into the function `window.trackSpeedyPvEvent` whenever an event occurs, so long as `trackSpeedyPvEvent` is defined. Therefore, to track Speedy PV usage, you can define this function on your website to handle the event data however you like.

The function should accept one parameter, like the below:

```
window.trackSpeedyPvEvent(speedyPvEvent) => {  
  // Some code to handle the Speedy PV event  
}
```

The event data is passed into `window.trackSpeedyPvEvent` as an object of the form:

```
speedyPvEvent = {  
  name: 'estimate_submitted', // String  
  data: { // Object. Properties depend on the event triggered. Not present if there is no event data to provide  
    estimateCost: 7460.75 // Number  
  },  
  time: '2024-10-21 13:58:27', // String. Format 'YYYY-MM-DD HH:MM:SS'  
  sessionId: '01340246-f9ff-4cf5-99e7-b0af7f009443', // String
```

```
toolData: { // Object
  display: 'desktop' // String. Display mode of Speedy PV at the time of the event. Values are 'desktop' or
'mobile'
}
}
```

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