The vPSI System™ evaluates and improves how organizations respond when things go wrong.

When an unplanned event occurs, the primary objective of the resulting investigation is to prevent the same thing from happening again. This is a vitally important objective, and getting there requires one or more corrective actions.

Organizations expend considerable time, money and resources in response to unplanned events, whether they be safety, production or environment related.
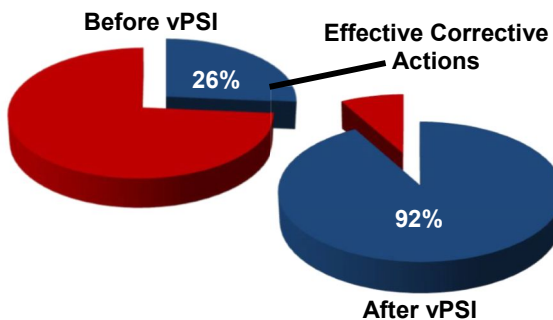
While many companies invest heavily in sophisticated cause and effect analysis software and training, few actively measure the output of the investigative effort in terms of the actions generated by the process.

The vPSI System™ is a simple toolset that fills this gap by providing a logical framework against which activities presented as corrective actions by investigation teams can be assessed and scored based on their impact on the future probability of the subject unplanned event repeating.

The simple logic of the vPSI System™ can easily be incorporated in existing business processes and data management systems.
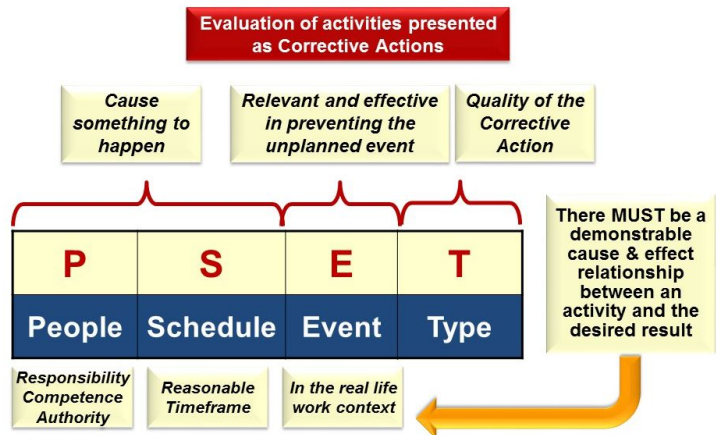
Why Choose vPSI?

Implementation of the vPSI System™ dramatically improves the quality and resource efficiency of the organizational response to unplanned events, with significant positive impact to the bottom line.

Before vPSI — 26%
Effective Corrective Actions
After vPSI — 92%

The vPSI Investigation Assessment Toolkit Includes:

◊ Unplanned event significance determination

◊ Event preventability assessment logic: consequence management vs corrective action

◊ vPSI Test™ to validate actions generated

◊ Corrective action impact scoring

◊ Investigation quality metrics

◊ Business unit and organization level Key Performance Indicators (KPIs)

The vPSI Test™

Evaluation of activities presented as Corrective Actions

| Cause something to happen | Relevant and effective in preventing the unplanned event | Quality of the Corrective Action |

| **P** | **S** | **E** | **T** |
| People | Schedule | Event | Type |

Responsibility Competence Authority | Reasonable Timeframe | In the real life work context

There MUST be a demonstrable cause & effect relationship between an activity and the desired result

True corrective actions have two characteristics:
1) they cause something to change in real life, and
2) that change is relevant and effective against a repeat of the unplanned event. This simple logic is the basis of the vPSI Test™.

Both qualities are required for an activity to be considered an actual corrective action. If any of the elements are missing, the activity is not a real corrective action and very likely constitutes a waste of organizational resources.

Data compiled by vPSI Group demonstrates that most activities generated by incident investigations fail the vPSI Test™.

Sustainable, Measurable Improvement