

An abstract graphic on the left side of the slide, featuring a complex network of white lines connecting numerous small, glowing white dots. The dots and lines are more densely packed on the left and fade out towards the right, creating a sense of depth and connectivity.

# MonBoss

**Detect  
Prevent  
Sustain**

# What is an AI Expert System?

World of Computing defines an expert system as an “artificial intelligence program that has expert-level knowledge about a particular domain and knows how to use its knowledge to respond properly.”<sup>1</sup> The purpose of the program is to use facts and rules provided by the collective expertise of many human beings, to help decide and solve problems in any domain.<sup>2</sup>

## What are benefits to End Users?

Expert systems will enhance the efficiency of a human user by providing<sup>3</sup>:

- Expertise being readily available leading to an improved quality of decision making.
- It will preserve scarce expertise in a particular field or sphere of knowledge. Expert systems can then be made available for easy access to that information within an organization.
- The resulting quality improvement brings major cost savings for organizations.

Source:

1 -Robin. "Artificial Intelligence." *Artificial Intelligence RSS*, World of Computing, 7 Oct. 2010, [intelligence.worldofcomputing.net/ai-branches/expert-systems.html#.WyaVoKf-gb0](http://intelligence.worldofcomputing.net/ai-branches/expert-systems.html#.WyaVoKf-gb0).

2- "Standard Grade Bitesize Computing Studies - Expert Systems : Revision." *BBC*, BBC, [www.bbc.co.uk/bitesize/standard/computing/gp\\_packages/expert\\_systems](http://www.bbc.co.uk/bitesize/standard/computing/gp_packages/expert_systems)

3- (all information below is from the following source) Englemore, Robert S., and Edward Feigenbaum. "Expert Systems & Artificial Intelligence." *Expert Systems And Artificial Intelligence*, Loyola University, May 1993, [wtec.org/loyola/kb/c1\\_s1.htm](http://wtec.org/loyola/kb/c1_s1.htm).

# What is MonBoss?

MonBoss is an AI expert system that can monitor and fix Enterprise application outages, middleware outages in databases, application servers or HTTP servers. It can even correct low level problems such as VM outages and network issues.

## Why is it imperative for all networks?

Without constant monitoring and a System admin constantly at the helm, it can potentially take several hours to detect any outages or issues.

With MonBoss, these issues will be detected and resolved quickly without any need for human intervention. Therefore, the amount of downtime and costs can be minimized, sometimes even proactively eliminated.

**MonBoss will not only notify the admin of the network failure but also resolve the issue.**

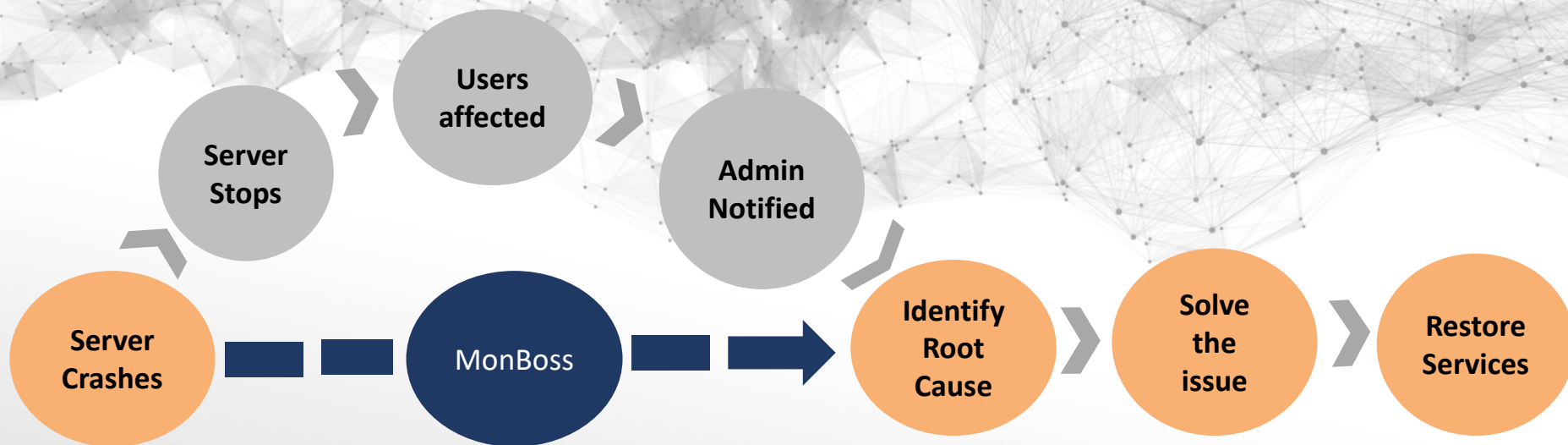
**Ask about CyberWarrior to see how the AI brain behind MonBoss can power Cybersecurity!**



# How are core issues identified & resolved?

Based on its analysis of the failure, MonBoss will utilize AI algorithms to find the best solution for the problem. For example, if it is a simple application server crash, and the server is on the cloud, MonBoss's first action be to log into the cloud VM. Then it will analyze the logs & correct the crash and restart the server.

If the failure is complex i.e., a network card dies and leads to a cascading failure. MonBoss will activate the secondary network card, then restart the crashed applications in the correct order to restore services to their normal state.



# About TekMonks

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