

Claims:

1. A system for performing pre-emptive operations comprising:

an enhancer installed on a client operating system comprises,

a monitoring engine communicatively connected to TCP/IP stack and
processes,

a database and decision engine having a database storing a profile data
structure and an event data structure,

a controller executing instructions received from database and decision
engine,

instructions stored on said database to perform the following steps:

determining a profile of a user based on said profile data structure,

retrieving an event list from said event data structure associated to
said determined profile,

monitoring an event,

computing a probability score for said event,

determining whether said probability score is above a
predetermined threshold; and

executing pre-emptive operations in response to said probability score being

above said predetermined threshold, wherein said event list in said event data structure is
divided into two groups, a first group being an active group and a second group being a
reserve group and said instruction to monitoring said event further comprises:

clearing a probability score on said database;

detecting an event;

matching said event to one of a plurality of actions in said active group;

increment a counter of said one of a plurality of actions in said active group
in response to said event matches one of said plurality of actions in said active
group; and

computing said probability score for said event.

2. The system for performing pre-emptive operations according to claim 1, wherein said instruction to determining the profile of a user based on said profile data structure comprises:

retrieving a parameter stored on a client operating system;

matching said parameter with parameters in said profile data structure; and

determining one of a plurality of profiles in said profile data structure in response to said parameter matching a parameter of said one of said plurality of profiles.

~~3. The system for performing pre-emptive operations according to claim 1, wherein said event list in said event data structure is divided into two groups, a first group being an active group and a second group being a reserve group.~~

~~4. The system for performing pre-emptive operations according to claim 3, wherein said instruction to monitoring an event further comprises:~~

~~clearing a probability score on said database;~~

~~detecting an event;~~

~~matching said event to one of a plurality of actions in said active group;~~

~~increment a counter of said one of a plurality of actions in said active group in response to said event matches one of said plurality of actions in said active group; and computing said probability score for said event.~~

35. The system for performing pre-emptive operations according to claim 14, wherein said instruction to computing said probability score for said event comprises:

retrieving a weightage of said one of said plurality of actions; and

adding said weightage to said probability score.

46. The system for performing pre-emptive operations according to claim 14, wherein said instruction to monitoring an event further comprises:

matching said event to one of a plurality of actions in said reserve group in response to said event not being able to match with any of said plurality of actions in said active group; and

adding a new entry in said reserve group in response to said event not being able to match with any of said plurality of actions in said reserve group.

57. The system for performing pre-emptive operations according to claim 46, wherein said instruction to monitoring an event further comprises:

increment a counter of said one of said plurality of actions in said reserve group in response to said event matches one of said plurality of actions in said reserve group;

determining whether said counter of said one of said plurality of actions in said reserve group is more than any one of said plurality of actions in said active group;

updating said plurality of actions in said active group in response to said counter of said one of said plurality of actions in said reserve group being more than any one of said plurality of actions in said active group.

68. The system for performing pre-emptive operations according to claim 57, wherein said instruction to updating said plurality of actions in said active group further comprises:

replacing one of said plurality of actions in said active group with said one of said plurality of actions in said reserve group with a counter being more than said one of said plurality of actions in said active group; and

apportioning a weightage among said plurality of actions in said active group.

79. The system for performing pre-emptive operations according to claim 68, wherein said instruction to apportioning a weightage among said plurality of actions in said active group further comprises:

apportioning said weightage according to the value of the counters of each action in said active group.

840. The system for performing pre-emptive operations according to claim 35 further comprises a second enhancer installed on a server communicatively connected to said client operating system, said second enhancer comprising:

a monitoring engine communicatively connected to TCP/IP stack of said server,
a database and decision engine having a database storing a profile data structure and an event data structure,

a controller executing instructions received from database and decision engine,
and

instructions stored on said database to perform the following steps:

determining a profile of a user based on said profile data structure,

retrieving an event list from said event data structure associated to said determined profile,

monitoring an event,

computing a probability score for said event,

transmitting said probability score to said enhancer installed on said client operating system.

944. The system for performing pre-emptive operations according to claim 840 wherein said instruction to computing a probability score for said event stored on said enhancer installed on said client operating system comprises:

retrieving a weightage for said probability score;

applying said weightage of said probability score to said probability score to determine a first score;

retrieving a weightage of said probability score of said server;

applying said weightage of said probability score of said server to said probability

5 score received from said second enhancer to determine a second score;

adding said first and second scores to determine a net probability score; and

executing said pre-emptive operations in response to said net probability score being above said predetermined threshold.