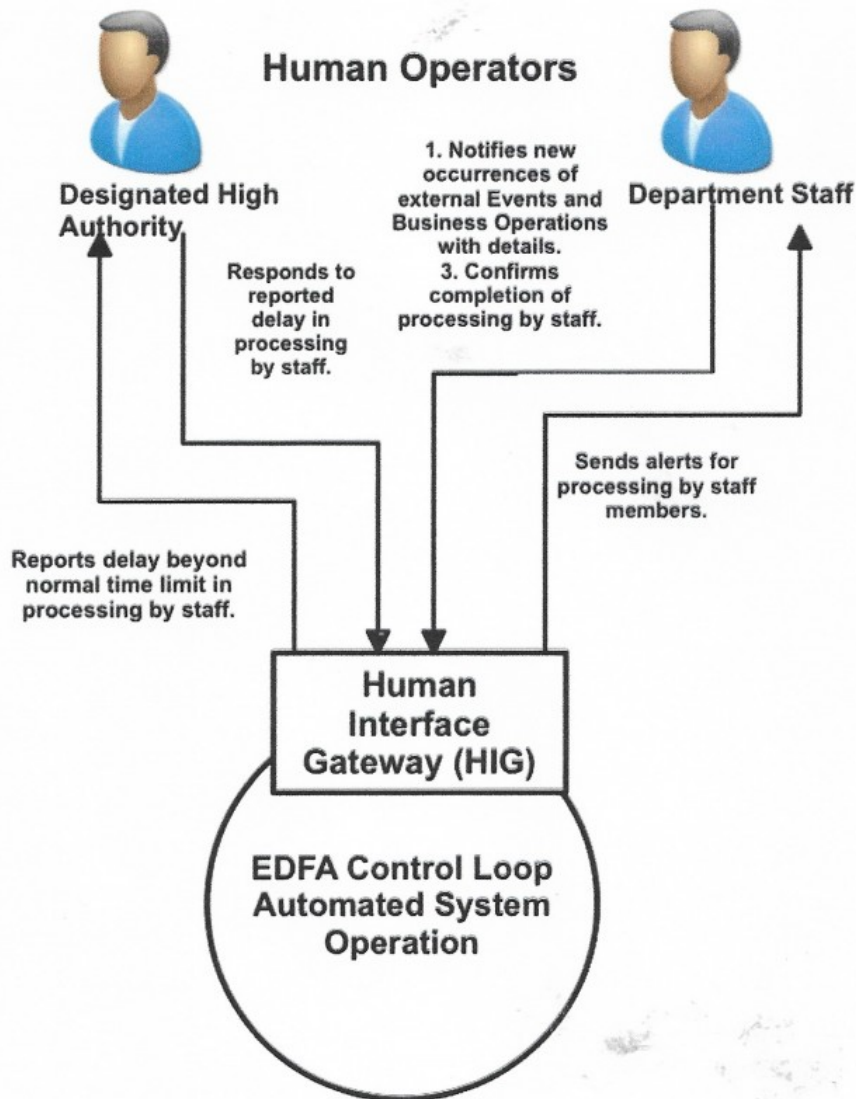


# **Artificially Intelligent Robotic ‘Member of Staff’ Unparalleled Innovation and Technological Implementation**

**Fig. 3**  
**Segregation of Robotic "Automated System Operation" and "Human Operators" with "Human Interface Gateway" for Communication**



**Virginia, Jan 9, 2020 ([IssueWire.com](http://IssueWire.com))** - Technology and artificial intelligence have come a long way in the processing of sustainable changes across business verticals as well as personal stanzas. A new patent, an Artificially Intelligent Robotic 'Member of Staff' has been issued by the United States Patent and Trademark Office as a functional entity in the daily operations management of the spectrum of business cycles in various organizations. Descriptively termed as an Artificial Intelligence in short AI Robotic Administrative Business Operations Process, the staff will have no specific mechanical or standard functionalities like job automation or inventory management but will be considered as a part of the operational team, sharing insights and knowledgeable values during business operations activities with variable outcome.

This AI system will act in real-time as another resourceful head of the team that will not only be communicatively interactive but will also hold a significant role as a supervisor and administrator within the team. This will be the first instance of practical implementation of an AI system within the business vertical that is based out of human knowledge and progress that is being termed as 'Machine Rules Man' technology in the sustainable evolution of computing standards. This innovation is more than just a robotic helping hand of man which will undertake responsibilities and enrichment of business prospects through real-time communication transfer without the technical ossification of only standardized AI functionalities like job automation, finding patterns and relationships by crunching big datasets, sensors and so on.

The various functional areas of any organization, private or governmental will find workflow efficiency and changes in fixed time bracketing. This means financial estimations of projects remain intact with less manual labor and minimized time ratios distributed across various jobs within the organization. Resource management like salary and insurance investments will also be cut short due to the reduction of manpower with an AI system taking over substantial and significant responsibilities that add to the collective asset of the company or business.

The concept of 'Member of Staff' has been developed by Asim Datta and is based on the "Servomechanism Principle" of Control Engineering, one of the most important theories for automation of mechanical instruments. The principle hypothetically generates feedback from the system based out of various informational error signals, a derivation of the current state within the target cycle which again acts as the initiator of the next signal or movement of the system in an infinite loop until the target is fulfilled. In the spectrum of a business framework, the generation of signals is aimed at various administrative goals.

A Human Interface Gateway module acts as the medium of command transfer to the relevant human operators of the business. Various human operations in a session will now have another resource with integrated business insight, time competencies, and communicative power for monitoring and control. This paves the way for a new technologically enriched global value and ethics that will add to the sustainability of the entire consumer and business scope. With such invention and innovation gradually becoming integral parts of our lives, one can only look forward to more reforms in terms of system changes and their positive impact on life and society.

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