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Revolutionize Disaster Preparedness in Senior Healthcare Facilities: Caredex Unveils Innovative Hybrid Cloud Solution

Irvine, CA - Caredex, a leading healthcare technology company, announces the launch of its groundbreaking hybrid cloud solution aimed at transforming disaster preparedness in senior healthcare facilities. In response to the increasing vulnerability of older adults during emergencies, Caredex has developed a solution that streamlines data infrastructure, enhances patient care, and improves outcomes.

Disasters disproportionately impact older adults, leaving them vulnerable due to limited evacuation options and the complex challenges faced by senior healthcare facilities. Caredex steps forward as a lifeline, connecting senior healthcare facilities to the cloud and delivering real-time updates and insights through interactive dashboards. By streamlining data infrastructure, ensuring seamless evacuations, and providing reliable backup mechanisms, Caredex significantly improves disaster preparedness and response, ultimately saving lives.

"We are proud to introduce Caredex’s groundbreaking hybrid cloud solution that empowers senior healthcare facilities to make informed decisions, potentially saving lives during emergencies and revolutionizing disaster preparedness in the industry,” said Rohit Vadali, CEO at Caredex.

Caredex’s hybrid cloud solution features two powerful dashboards tailored to meet the specific needs of senior healthcare facilities. The Emergency Dashboard focuses on critical information during emergency scenarios, providing real-time updates on evacuation plans, available resources, and patient status. This dashboard enables healthcare providers and facility staff to make informed decisions swiftly and effectively.

Figure-1: Emergency Dashboard
Additionally, the Non-Emergency Dashboard provides comprehensive data management and operational insights for day-to-day operations. It facilitates efficient coordination among staff, tracks key performance indicators, and optimizes resource allocation. By offering a holistic view of facility operations, Caredex empowers senior healthcare facilities to enhance overall efficiency and deliver exceptional care to residents.

![Non-Emergency Dashboard](image)

Figure-2: Non-Emergency Dashboard

"We are excited about the future possibilities that Caredex's hybrid cloud solution brings to the healthcare industry," said Jane Smith, Chief Operations Officer at Hope Senior Care Services. "The integration of Caredex into our cloud ecosystem holds tremendous potential for enhancing disaster preparedness and improving overall operational efficiency. We look forward to leveraging this innovative technology to further optimize our services and deliver exceptional care to our residents."

Caredex's value proposition lies in its ability to improve patient care, enhance disaster response, and streamline operational efficiency for senior healthcare facilities. By leveraging real-time data and interactive dashboards, healthcare providers can make informed decisions, potentially saving lives during emergencies. Facility owners and government officials benefit from reduced administrative burdens, improved disaster preparedness, and enhanced data-driven decision-making. The market potential for Caredex is substantial, driven by the increasing need for solutions that enhance disaster preparedness and data management in senior healthcare facilities. With the U.S. assisted living facility market projected to grow at a compound annual growth rate (CAGR) of 5.53% from 2023 to 2030, Caredex is well-positioned to capture a significant market share in this expanding industry.

To implement Caredex, a comprehensive evaluation of the facility's needs and infrastructure is conducted to identify gaps and specific requirements. The service level entities are then divided into microservices, establishing a queue-based streaming setup in the cloud infrastructure. Continuous technical support, updates, and maintenance ensure uninterrupted operations of Caredex. Security and privacy are paramount for Caredex. Robust measures such as encryption, secure data storage, and access controls are employed to safeguard sensitive information. This ensures that patient data remains confidential, building trust with both facility owners and residents alike.
Looking ahead, Caredex envisions exciting enhancements to further advance its services. Plans include the replacement of the queue with a distributed broker like Kafka to ensure high availability and improved system performance. Integration with third-party APIs will gather data on traffic, airflow, and emergency center congestion, providing additional support for disaster recovery scenarios. Furthermore, supporting a multi-data model on the cloud will allow Caredex to accommodate facilities with diverse data formats, ensuring robustness and internal data aggregation capabilities. Caredex offers a flexible pay-as-you-go pricing model tailored to each facility's specific needs. As a cloud-based solution, it offers a cost-effective option, being 30% cheaper than on-premises alternatives and requiring less maintenance.

**About Caredex:** Caredex, headquartered in UC Irvine, CA, is a leading healthcare technology company dedicated to revolutionizing disaster preparedness and data management in senior healthcare facilities. With a focus on enhancing patient care, optimizing operational efficiency, and improving outcomes, Caredex provides innovative solutions that empower healthcare providers, facility owners, and government officials. The company's flagship product, the Caredex hybrid cloud solution, connects senior healthcare facilities to the cloud, enabling real-time updates and insights through interactive dashboards. By streamlining data infrastructure, Caredex ensures seamless evacuations, maintains data integrity, and serves as a reliable backup mechanism during emergencies. With a strong commitment to security and privacy, Caredex employs robust measures such as encryption, secure data storage, and access controls to safeguard sensitive information. By prioritizing data confidentiality, Caredex builds trust with facility owners and residents alike.

For more information about Caredex and its hybrid cloud solution, please visit [www.caredex.com](http://www.caredex.com).

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