



Life Care **Made Easy**



Ensuring





FLUENCE
FUTURE WITH CARE

efficiency

Fluence® is a comprehensive Healthcare Information System designed for all types of healthcare facilities ranging from a small clinic to a network of tertiary care hospitals. With its simple and user friendly interface coupled with Decision Support System and Knowledge Management System, Fluence® simplifies the work of healthcare providers, improves the workflow and reduces medical errors. Thereby, saves lives, enhances quality of life and reduces cost. Fluence® is also Meaningful Use 1 and Meaningful Use 2 Certified by CCHIT in USA. Fluence® has HIMSS Stage 7 maturity and has medical facilities which are HIMSS Stage 6 certified.

Fluence® ensures consistent and streamlined functioning of all the departments to mitigate revenue loss for the organization. It synchronises the clinical, financial and administrative processes to ensure operational efficiency.

In a nut shell, it helps hospitals become paperless and filmless.

Enhancing Care



Vision

“To be a global leader in Digital Transformation of Healthcare Ecosystem”.

Fujifilm is a pioneer in the field of Technology in Japan and around the world. It is also a global leader in Healthcare IT solutions and has developed state of the art medical products and solutions for Preventive, Diagnostic and Therapeutic verticals. Our diagnostic portfolio of products include imaging equipment like CT-Scans, Mammography machines, Digital x-rays, including handheld x-ray, endoscopes, ultrasounds, and laboratory diagnostics products, etc. Fujifilm has a vast and comprehensive Healthcare Informatics Solutions portfolio ranging from a Total-Healthcare Information system (T-HIS) solution comprising of EMR, RIS, RCM, PACS, VNA, 3D-PACS, LIS, ERP, BI, TeleHealth, Home Health, IoT, Mobile Aps, etc. which are powered by advance technologies including Artificial Intelligence system, REiLi. Our solutions are User-friendly, Intuitive, Comprehensive, Integrated, Flexible, Scalable, Interoperable, Secure, and Competitive. Fujifilm partnered with Dr.Toshitada Kameda in Tokyo, Japan. Dr.Kameda is a pioneer in the HIT industry and has developed a completely integrated hospital information system that has been paperless since 1995.

Our products serve and support over 5,000 healthcare sites with our Healthcare IT products and solutions globally. Fujifilm has implemented the best practices, systems and quality procedures for its Software Research and Development. Synapse-Fluence RIS, PACS, EMR, HIS, Tele-Health, home-health, etc are scalable systems that can deliver a comprehensive Healthcare Information Solution designed for all types of healthcare facilities at any scale. With its simple and user-friendly interface coupled with the Decision Support System, Knowledge Management System, etc it simplifies the work of healthcare providers, improves the workflow and reduces clinical errors.

Our products are Meaningful Use 1 and 2 certified by Drummonds / CCHIT respectively in the USA, it's a HiMSS Stage 7 Maturity level and also has HiMSS Stage 6 Certified.

“In a nutshell, we specialize in Digital Transformation of Healthcare Ecosystems”

Mission

“To save lives, improve quality and access to care and reduce cost through innovative use of information technology”



Product Portfolio

Registration

01

02 Appointments

Ambulatory
Electronic Medical
Records

03

04 ED Electronic Medical
Records

Dental Electronic
Medical Records

05

06 Billing and Revenue
Management

Insurance &
Corporate
Management

07

In-Patient Electronic
Medical Records

08

09 Oncology
Management System

Order Management
System

10

11 E-Prescription System

E-Claims System

12

13 Operation Theater
Management

Pharmacy Management

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Product Portfolio

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ADT (Admission
Discharge Transfer)

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Information System

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RIS / PACS

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Dietary Management

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Device Interfacing

Risk & Quality
Management System

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Nursing Management
System

Blood Bank Management
System

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Disease Surveillance
and Infection Control

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Business Intelligence





EMR is designed as a powerful, flexible and easy-to-use clinical information system

HIMSS Analytics **STAGE 7**



Transforming documentation

Electronic Medical Records

Keeping detailed patient medical records for continuing patient care is of utmost importance in any healthcare organization. EMR can transform your paper-based clinical processes into a 24 x 7 immediate-access paperless system.

Key Features

- Specialty & sub-specialty based documentation.
- Simple & easy documentation using smart templates, smart notes, and voice to text features.
- Improved visualization for better decision making.
- Quick data retrieval and search capability.

Key Benefits

- Saves valuable space and resources by eliminating medical records room. The personnel can be redeployed to other areas to enhance patient service and quality.
- Eliminates manual data gathering, reduces staff workload and increases physician satisfaction.
- Facilitates physician mobility without compromising data accessibility or security.
- Saves time by instant access of medical records.
- Reduces redundancies in data gathering.
- Reduces medical errors.

Computerised Physician Order Entry

The CPOE module allows orders to be entered and electronically transmitted from the point of origin to the point of patient-services, thus minimizing delays, medical errors, and making Information accessible to other providers.

Key Features

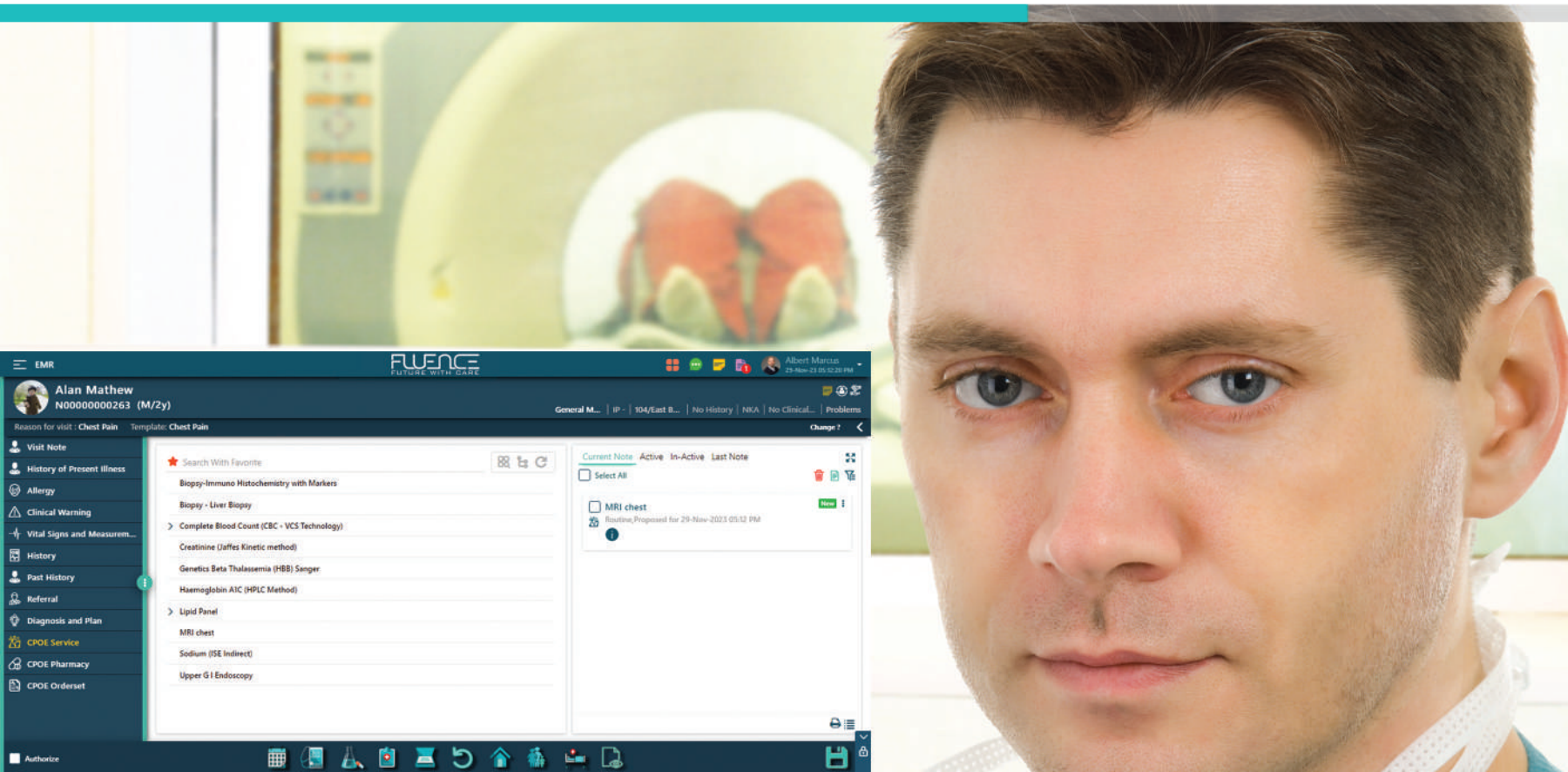
- Immediate transfer of orders to lab, radiology department & pharmacy without any human intervention.
- Increased legibility, accuracy, and completeness of clinical prescriptions.
- Knowledge driven care and decision support.
- Order sets - lets you order a pre-defined set of therapeutic medications.
- Order reconciliation.

Key Benefits

- Reduces waiting time and increases patient safety.
- Eliminates the possibility of litigation expenses, arising from medication errors for hospital.
- Reduces variance in clinical care with use of consistent terminology.
- Increased compliance to treatment protocols and clinical pathways.

CPOE fundamentally improves and streamlines the ordering processes thereby, saving time and improving patient safety

Streamlining Processes





E-prescription improves the delivery, accuracy and legibility of clinical prescriptions

Expediting Delivery

E-Prescription

E-Prescription is a form of Computerised Physician Order Entry wherein, the doctor prescribes through a computer over a secured network eliminating the need for a handwritten prescription.

Key Features

- Uses a private, secure, and closed network called Surescripts®.
- Ensures clear and unambiguous transfer of instructions to the pharmacist.
- Cross checks for allergies, by drug-to-drug interactions and alerts accordingly.
- Automatic dosage calculation and medicine reconciliation.

Key Benefits

- Saves time and improves the operational efficiency of the pharmacy.
- Significantly reduces medication errors, medication allergy errors and prescription errors.
- Reduces waiting time.

Front Office Suite

Front Office Suite facilitates patient registration, appointment scheduling, consultation and biometric identification. The system allows patients to request appointments with physicians and captures relevant demographic data. It helps staff in issuing patient ID cards and generates a unique patient medical record number for easy identification.

Key Features

- Multi-location registration.
- Built-in insurance and corporate management system.
- Barcode and smart card facility.
- Touch screen kiosk.
- SMS/e-mail reminders, Unique Queuing Systems - No waiting model, Integrated point of care billing.

Key Benefits

- Increased compliance to appointments and lower incidence of no-shows.
- Hassle-free registration and appointments.
- Decreased waiting time for patients and hence, increased patient satisfaction.

Say hello to a more
patient-friendly
front office

Facilitating appointments





Ease of access through
handhelds and smartphones

SYNAPSE 


FLUENCE
FUTURE WITH CARE

RIS/PACS/Tele-Radiology

Synapse PACS employs wide range of scalable solutions towards Radiology, Cardiology, Nuclear Medicine, Echo - Cardiology, Orthopaedics etc. The solutions not only aid the agile access to scans, reports etc. But also streamlines the allied activities ranging from appointment scheduling to audit trails. We limit the wastes by making a healthcare facility filmless.

Key Features

- FDA Approved, DICOM, HIPAA & HL7 VNA Compliant.
- Digital signature for reports, Online session control.
- Enforces security measures through world class protocols such as AES, Md5 checksum.
- SSL, PGP, Multilevel reporting with search capabilities, Voice recognition & dictation integration.

Key Benefits

- Progressive transmission allows Radiologist to view images at any bandwidth.
- Browser based access yields to 24/7 availability.
- SMS, Email & Fax alerts incorporated for a better followup.
- Global worklist for dynamic management & decision making advocates mobility by ease of access through handhelds and Smartphones.

Centralized Laboratory Information System

This system caters to the requirement of clinical biochemistry, clinical pathology, microbiology, immunology etc., and streamlines all the process at the lab, right from sample collection to result entry and transfer.

Key Features

- HL7 Standards incorporates the ability to receive data from other lab machines.
- Sample management system creates barcodes.
- The system captures results automatically and updates patient records.
- Instantaneous receipt of doctor's orders by the lab technician.

Key Benefits

- All the lab results will be submitted directly to the doctor.
- No delay in the execution of Doctor's orders due to improved communication.
- Improves quality; minimize errors.
- QA & QI system for Laboratory Equipment.

CLIS automates the processing requirements of clinical laboratories in multi-speciality hospitals

Generating solutions





**Streamlines processes
and procedures in an
operation theatre**

Delivering Precision

Operation Theatre Management

All the major activities surrounding operation theatre are tracked and monitored - ranging from operation theatre scheduling to the transfer of patients, to the respective wards after surgery.

Key Features

- Schedules the allocation of operation theatres and operating teams systematically.
- Integrated OT billing at the point of care.
- The module connects the OT to blood bank, pharmacy, consumables and investigation centres.

Key Benefits

- Efficient electronic scheduling reduces the waiting time of both patients and surgery teams.
- Spot billing at OT eliminates erroneous mapping of consumables to different patients.

Infection Control System

Infection control system is a data mining tool that is on constant vigilance against outbreak of hospital acquired infections and indiscriminate antibiotic usage. The data from critical departments are processed analysed and meaningful reports are generated that helps to identify and pinpoint the source of infection, whether it is iatrogenic or hospital acquired. This system is indispensable for healthcare institutions which are aiming for accreditations.

Key Features

- Data is sourced automatically and analysed without human intervention.
- Alerts the hospital authorities if an outbreak is suspected.
- Tracks patient's journey and significantly reduces super bugs (MRSA).
- Monitors the usage of antibiotics.

Key Benefits

- The hospital can formulate its antibiotic policy by analysing the antibiograms.
- Helps in further research and analysis of the outbreak.
- Reduces and prevents antibiotic abuse.
- Increases antibiotic sensitivity and reduces antibiotic resistance.

A novel package that tracks all Hospital Acquired Infections

Disease Surveillance & Infection Control System





**Admission Management,
Discharge & transfer will
be radically transformed**

Redefining Procedures

Admission, Discharge and Transfer

This module forms the core of the in-patient treatment and monitoring functions. It tracks the movement of the patient when he/she is admitted in a ward, shifted to another ward and discharged from the hospital.

Key Features

- Helps in ward management like allotment of rooms, room transfer, room holding and room status maintenance.
- Facilitates advance bed / room reservations and tracks patient's movement across rooms.

Key Benefits

- The patients would be admitted only to rooms that are completely fit for occupation.
- Unambiguous admission and allocation of rooms.
- House-keeping staff can easily locate a vacated ward / room and make it ready for the next patient.

Pharmacy and Supply Chain Management

Pharmacy and Supply Chain Management is a fully integrated module covering the main and sub functions of pharmacies as well as stores. The central store, including the peripheral stores can be monitored and the inventory stock managed according to the demand.

Key Features

- Records the drug details, storage information, quantity in hand and reorder quantity.
- The module records sales to patients, generates credit invoices, creates bills for cash sales and links up with nursing information system for in-patient needs.
- Transfers to other sub-stores are also recorded by this module.

Key Benefits

- The patient can know right at the time of prescription whether the drug is available in the pharmacy.
- Real time alerts generated for goods with low stock levels.
- Hospital can fully plug leakages of drugs and inventory at every point of sale.
- Helps organisations reduce inventory and develop lean, just-in-time supply chain system.

Keeping stock of drugs
will now become a
hassle free process

Minimising losses





Clinical Transformation

Ensuring Optimal Adoption

Clinical transformation is imperative to a successful Fluence implementation as the processes blends with people, disciplined process, robust technology, seamlessly yielding a measurable improvement.

Key Features

- CMIO and their team leads the clinical transformation process during implementation.
- Clinical informatics committee is an empowered committee that works in conjunction with the management, end users to facilitate clinical transformation and change management, CIC also reviews and approves the end users change requests.
- On the solution front, competency in the use of various modules pertaining to the clinical information system is ensured.

Key Benefits

- Increased adoption leading to a successful implementation.
- The whole process is well monitored ensuring optimal use of the clinical information system to enable a better, safer and more efficient care.

Convert Information into Insights

A highly modular, scalable, flexible and interoperable platform for healthcare BI and analytics that enables executives to visualise information with transparency. Fluence & BI module accentuates equally on the critical clinical and non clinical KPI's to generate reports that can be exported to universally accepted platforms. The degree of expanse comprehensively ranges from business analytics to statistical analytics for an effective TAT management.

Key Features

- Real time, intuitive dashboard that are designed for executives, using robust and flexible algorithms.
- Integrated, data set driven intelligence.
- Enterprise and Regulatory reporting can be extracted.
- Interoperability facilitating secure health information exchange.

Key Benefits

- Empowering all the stakeholders by timely and effective decision making.
- Better forecasting and revival of best practices.
- Substantiating accountable care.
- Enhanced reporting to international quality standards.
- Clinical data analytics that are mined from various points, are instrumental in eradicating any loose ends.
- Analytics are invaluable for research and trend analysis.

Informed & logical
decision making

Business Intelligence



Insurance Management

The Insurance Management module handles all the activities that are related to the insurance provider. Multiple options are provided to accommodate all types of insurance packages.

Finance and Billing Management

Fluence Finance and Billing module has the ability to integrate with any HL7 compatible third party system. General Ledger, accounts receivable, accounts payable and asset management are some of the features available in this module. Also, all cash and credit transactions are billed using this module. Billing system brings out all the services billed into a common billing format. The module keeps track of all bills generated and manages the cancellation of authorised bills.

Business Intelligence / MIS Reports

Extensive Management Information System (MIS) reports can be generated instantaneously for all the activities of the hospital. Reports on various activities across weeks, months or quarters can be created.

Revenue Cycle Management

Advanced Clinically Driven RCM System to accommodate for Insurance, TPA's, Cash, Credit, Corporate, etc. billing work flows are localized to various geographies from USA, Middle East to Japan.





ORACLE®



ERP - Enterprise Resource Planning

Fluence is compliant to several standards and integrated to a full-fledged ERP solution to facilitate & manage businesses in a healthcare setting by tracking business resources and processes in real-time. The ERP solution helps manage procurement, fixed assets management, human resource and payroll, thereby driving every aspect of the business from monitoring, reducing pilferage and providing detailed business reporting.

Key Features

- ERP is specially customized for healthcare enterprises.
- Incorporates best practices in functioning of the organization.
- Secure access to company records and exhaustive audit trail functionality to track all changes in ERP.
- Regional customization to fulfill local regulatory requirements.

Key Benefits

- Integrated business processes, one central database with no duplicating of data.
- Easy to use, powerful reporting across the whole suite and therefore the whole organization. The same look and feel across the whole system, making training and using the ERP very straight forward.

Advance and Integrated system for complete management of the Blood Bank based on International Standards - AABB, ISBT, CAP, QR Code, etc.

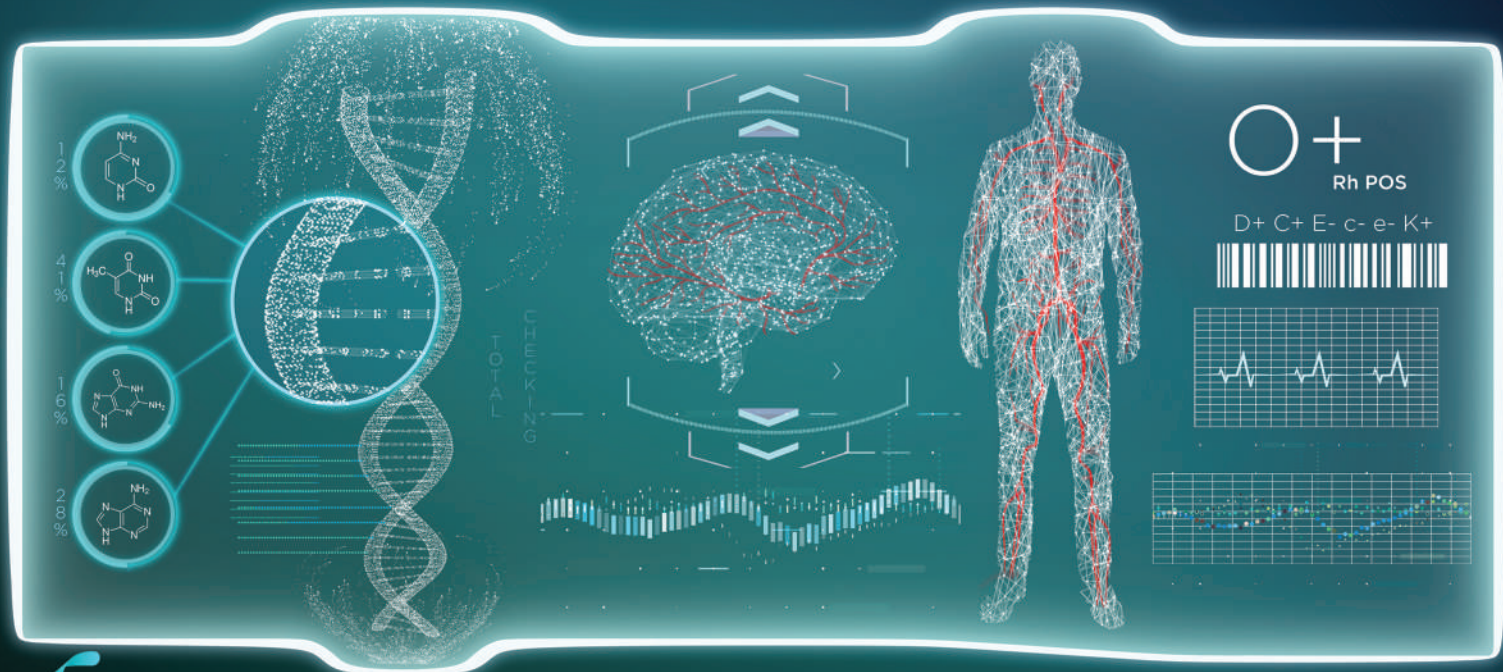
Lean and Comprehensive : From a Hospital blood bank system to a standalone Blood Bank to a National Blood Bank Management System. Single Solution, Integrated with HIS, EMR, Nursing Management, Lab, OVR, Billing systems, etc.

Powerful Configurable workflows from Donor to Recipient with tracking and reporting of Adverse Reactions. Collection planning, Donor relationship management, Referral, Interview, Product processing, Product allocation and Delivery.

Key Features

- Safety
- Reliability
- Flexibility
- Traceability
- Mobility
- Hemovigilance
- Integrated

Blood Bank Management System (BBIS)





TeleHealth Solution

Use of telecommunication technologies to facilitate patient to provider or provider to provider communication.

- Provides health information that is collected remotely from medical devices or personal mobile devices.
- Telemedicine is as effective as face to face care with regard to specific clinical outcomes.
- Provides health information that is collected remotely from medical devices or personal mobile devices.
- This information may be used to monitor patients, track or change their behavior.
- Telemedicine is as effective as face to face care with regard to specific clinical outcomes.

TeleHealth Solution has the following subcategories:

Synchronous Telemedicine, i.e. Live two audiovisual interaction between patients and providers (e.g.: video conference consultations) as well as Live two way interaction between providers and providers (e.g.: video conference review of pharmacy prescriptions).

Asynchronous Telemedicine Provider to provider transmission of recorded health history (e.g.: sending a lab test, x-ray, MRI, to a specialist to request a clinical opinion) as well as provider to patient transmission of patient information (eg. a provider sending a notification to a patient to check on them in post –visit follow-up, a patient sharing photos of a skin rash for a review and diagnosis).

Remote Patient monitoring Collection of electronic personal health/ medical data which is transmitted for review by a remote provider or device.



Long Term Care Centers

Long term care facilities provide residential care for people with disabilities and elderly individuals who cannot care for themselves. A long-term care facility (LTCF) can describe anything from a person's home to a medical center. LTCFs can take many different forms, but most of them have a residential component and involves patient interactions that last for months or years. These facilities usually feature an environment that is designed around the needs of the patient and is conducive to their ongoing care. With millions of people currently using facilities designed for long-term care, there are plenty of different professional opportunities in the industry.





Fluence Epidemic Management System

Fluence Epidemic Management System is a scalable solution for epidemic control and management. The solution comes with clinical ready to deploy automated protocols for various conditions. Web-based healthcare staff training for quick and large scale roll out.

Key Features

Remote Health Monitoring

Fluence Epidemic Management System is a scalable solution for epidemic control and management. The solution comes with clinical ready to deploy automated protocols for various conditions. Web-based healthcare staff training for quick and large scale roll out.

Self Monitoring App

Enable self-monitoring for low risk exposure contacts in quarantine, high risk exposure contacts in isolation or in exit phase. The clinical protocols are configurable based on disease condition.

24/7 Remote Healthcare

Remote healthcare advice for patients in quarantine allowing for access to care at the comfort of a home.

Outbreak Identification

Geographical tagging of cases and quick identifications of cases in a particular neighborhood or locality. Collect, store, analyse data and predict future trends.

Notifications

The platform with a complete overview with defined color coded notifications triggered upon patients questions or their symptoms peak

Home Health Care System

Home Health Solution

- Vital Signs input.
- Interface with IOT Vital signs devices.
- Tele/Video consultation.
- Emergency Calling.
- Refill request and payment.

Remote Patient Monitoring

- Working on cutting edge technology and cross pollination of devices to integrate with Fluence Mobile App.
- Collect vital data from wearable devices.
- Help the healthcare provider to get the statistics of data derived on clinical vital trends.
- Analytics care based on data received.
- Recommend plan of care.





Extending Support

Kameda Infologics® is in the forefront of providing the best support for its products and services. Over a decade, it has been giving smart, round-the-clock support to its clients across the globe. KI has a comprehensive multi-tiered portfolio of support.

Hands-on Training

KI provides hands-on training to the key personnel who use the product. It conducts various training sessions to help users make the best use of Fluence®. It also supplies an operational guide, which will help users derive maximum benefits from using KI products and services.

Software Updates & Patches

KI is working towards continuous improvement of its products and services. It provides essential software updates and patches, free of cost to its clients.

Online Support & On-Site Support

KI provides initial front line support over email, telephone and chat. Support team accentuates upon the identified issue and tries to solve it in the least possible time frame. Our response time exceeds industry benchmarks. KI designates an engineer for onsite support, if required, to solve any critical issues which are decided on case to case basis, upon request from the client.

Based On Standards



**A pioneering team
of experts**



Dr. Toshitada Kameda

Chairman, Fluence Life Pvt. Ltd.

Dr. Kameda is an eleventh generation doctor. He is the Honorary Chairman of the Board, Kameda Medical Center (A 350 year old hospital and now a 1000 bedded healthcare facility south of Tokyo, has been paperless and filmless since 1994). He is also the Chairman of Kameda Healthcare Informatics Corporation and President of Kameda Health Informatics Institute Inc.



Dr. Ataaf Khan

Managing Director, Fluence Life

Professionally an emergency physician with international experience. A young dynamic serial entrepreneur. The visionary and force behind Fluence®. Holds Master Degree in Business Management from Frankfurt School of Finance and Management, Germany.



Mr. Satoshi Tsukada

Technical Advisor, Fluence Life Pvt. Ltd.

A pioneer of hospital information systems with almost two decades experience in healthcare information technology. He is the President of Apius Co. Ltd., and a member of the Board, Fluence Health informatics Institute Inc.



Mr. Tarun Anand

Director of Technology, Fluence Life Pvt. Ltd.

A technologist, passionate and well-known for product development, Mr. Tarun was awarded Worldwide Software Architect of the year 2003 by Microsoft. He worked for over 10 years at Microsoft and is credited for architecting .NET, Windows NT & 2000 DCOM & COM+. He has been awarded many approved patents. He holds MS from UT, Austin, USA and B.Tech from IIT Kanpur, India.

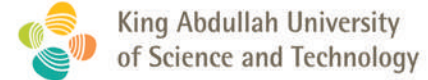


Mr. Abdul Kareem

Chief Operating Officer, Fluence Life Pvt. Ltd.

More than two decades of product engineering experience in the Healthcare domain. He worked for renowned Healthcare companies such as GE Healthcare, Siemens, Fujifilm, Baxter, Stryker, Toshiba (Canon), and Draeger. He has tremendous experience in delivery and operation management of large account.

Some of our Clients





Global Presence

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