eHealth Solutions in Ireland

OpenSky Portfolio of Sustainable & Maintainable eHealth Enterprise Systems

OpenSky have built & deployed health solutions since 2007. Our strength is the provision of workflow and web/mobile based Client Case Management solutions, enabling health & social care organisations to (a) manage & monitor client health records, (b) support the delivery of health & social care services, (c) facilitate better clinical decision making and (d) improve client outcomes.

Bord Altranais agus Cnáimhseachais na hÉireann

Nursing and Midwifery Board of Ireland

The Nightingale Enterprise Wide Digital Platform Registration, Solution

Bord Altranais agus Cnáimhseachais na hÉireann (The Nursing and Midwifery Board of Ireland - NMBI) is the independent, statutory organisation which regulates the nursing and midwifery professions in Ireland. All nurses and midwives who practise in Ireland must, by law, be listed on the Register of Nurses and Midwives which is maintained by the Nursing and Midwifery Board of Ireland (NMBI). Currently around 70,000 nurses and midwives are included on the Register. The Nursing and Midwifery Board of Ireland (NMBI) plays a pivotal role in the education of nurses and midwives in Ireland. NMBI sets the standards and requirements, for both undergraduate and postgraduate nursing and midwifery programmes that lead to registration, in Ireland's 14 Higher Level institutions (HEIs).

Nightingale is the statutory online and enterprise wide, fully Microsoft Software as a Service, registration and education solution for the Nursing and Midwifery Board of Ireland. It consists of:

1. Registrant and Public facing web portal facilitating (public access) search the register functionality and more complex Registrant account maintenance and transactions.
2. A centralised, Dynamics 365 online solution facilitating customer relationship management and complex business process management workflows.
3. Extensive reporting and business intelligence toolsets to allow for defined, standard, reporting and user driven ad-hoc reporting based on MS Power BI.
4. Comprehensive Document Management Flows using Sharepoint Online

DIME is a quadripartite system which encompasses National Doctors Training & Planning, the Irish Medical Council, the Postgraduate Medical Training Bodies and Clinical Sites. The DIME system continues to be upgraded and developed on an on-going basis and currently consists of seven separate modules:

1. NCHD Post Matching
2. National Employment Record (NER)
3. Consultant Post Matching
4. Occupational Health

5. Consultants Application Portal (CAP)
6. Training Supports
7. CCERS Module

Currently there are approximately 6800 NCHDs with access to the NER Portal and approximately 500 service users that have access to some or all of the DIME modules. These service users include Medical Manpower teams, Postgraduate Medical Training Bodies and Occupational Health Departments. In partnership with the HSE's Medical, Education and Training Unit, OpenSky have been working on the DIME system on a phased basis since 2011. Significant functionality has been added since 2016. DIME is built on the latest .NET Core Platform, providing the ability to automate deep and complex processes required to support Doctors and Consultants training and post management across the Health Service Executive, Ireland's National Health Service employing in excess of 120,000 staff.

NCHD Post Matching Module: A National NCHD Database was developed by the HSE and rolled out in July 2011. The primary function of the database was to enable registration, training and employment details of NCHDs to be collated and shared in one central national system.

National Employment Record (NER): In October 2015, the NER was rolled out nationally. This enhanced existing DIME functionality by incorporating an efficient management system of pre-employment screening documentation that NCHDs must provide prior to commencing a new post. The NER Module reduces the burden of paperwork on NCHDs by providing a central location for this documentation to be stored and accessed by their employers. NER will be offered on mobiles in 2020.

Consultant Post Matching Module: The Consultant Post Matching Module was rolled out nationally in 2017. This Module gives NDTP the ability to create Consultant posts approved by the Consultant Applications Advisory Committee (CAAC) on DIME. Employers are then able to assign consultants to their respective posts. The recording of all posts allows for more accurate reporting at local and national level and helps to inform workforce planning decisions.

Occupational Health Module: The Occupational Health Module was rolled out nationally in May 2017. Its aim was to further reduce the burden of paperwork for NCHDs when rotating by replacing hard copy Occupational Health documentation with a paperless system managed via their NER Account. NCHDs now complete pre-employment health questionnaires online, and upload immunisation documentation directly to DIME. These documents are then screened by Occupational Health practitioners through a secure Occupational Health Module and doctors are passed fit for employment through DIME.

Consultant Applications Portal (CAP): The Consultant Applications Portal (CAP Module) was rolled out nationally in June 2018 following a successful pilot period in Quarter 1 2018. The CAP Module is used to apply for new posts, replacement posts and for the restructuring of existing posts. The purpose of the CAP Module is to expedite the process of consultant post approval and to allow visibility and transparency for stakeholders throughout the process. The Portal facilitates users to complete, verify, submit and track consultant application forms from the initiation stage to approval online. The introduction of this Module has helped to minimize errors and improve traceability of forms as well as providing a centralized paperless system for all users to access.

NDTP Doctors Integrated Management E-System continued

Training Supports Module: The new Training Supports Scheme (TSS) came into effect from Monday July 8th 2019. NDTP has created a new TSS module that enable NCHDs and Medical Manpower Departments to manage the administration for the Training Supports Scheme using a streamlined centralised system which also provides transparency throughout the entire process for all stakeholders.

CCERS Module: The Clinical Course and Exam Refund Scheme (CCERS) was moved from a paper based system to DIME on 30th November 2020. NDTP created the new module to enable NCHDs to apply for funding and Medical Manpower Departments to manage the administration of the scheme via NER/DIME allowing a more transparent process for all stakeholders.

More details: https://www.hse.ie/eng/staff/leadership-education-development/met/database/

Structured Patient Education System (SPES) for the Health Service Executive

Educating people with chronic disease to actively participate in the management of their own disease has been identified as part of the care pathway for successful care, providing significant improvements in clinical outcomes and quality of life.

This has been reinforced by a HIQA Health Technology Assessment Structured Group Patient Education has been an established component of Patient Care for people with Chronic Diseases in Ireland e.g. Diabetes, Asthma, COPD and Cardio Vascular disease for a number of years. OpenSky have worked with the HSE to build a platform which facilitates registration of courses, clients, educators and collection and updating of core patient information and clinical data. This facilitates evaluation of these courses and the system is designed to allow expansion to include courses for other chronic diseases. It provides important information related to planning, development and outcomes.

OpenSky implemented the platform on a Microsoft .NET platform with heavy focus on the User Experience for clients looking to secure their education sessions. It facilitates national booking, planning and scheduling of educational courses.

OpenSky – A Microsoft Partner

OpenSky is a Gold certified Microsoft partner with Gold certification for both its Application development and integration competencies. In addition, we are Silver certified for our Dynamics CRM implementations and our delivery of Reporting and Analytics solutions, thus we are able to offer our customers automation solutions to suit their specific needs. Being Microsoft Gold certified means that OpenSky's staff are accredited by Microsoft to deliver the Dynamics CRM 365 &, PowerBI platforms to our customers.

What we believe puts us ahead of the competition is our ability to create sustainable & maintainable enterprise systems which generate long term value and to achieve this we invest heavily in the following fundamental areas:

- A belief that to succeed as a company we need to deliver long term client value

- A deep understanding of the client's business

- Technical excellence, best in class enterprise architecture approach and continuous R&D to enable transition to new technologies

- Externally audited (ISO27001 & ISO9001) delivery process which begins at the initial business development and runs unbroken through final support & maintenance

- The best staff who benefit from internal training and career development opportunities

- A knowledge retention process which allows for turnover of staff and knowledge transition

- A comprehensive internal operational management & resource planning system based on quantitative measures which ensures our projects generate both value for the customer and are profitable for the company

OUR SERVICES

Data Analytics & Informatics |
Systems Integration for Data Sharing |
Data Management | Agile Software Development
Mobile Application Development | CRM |
IT Consultancy | Cloud Computing | RPA |
Blockchain |

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