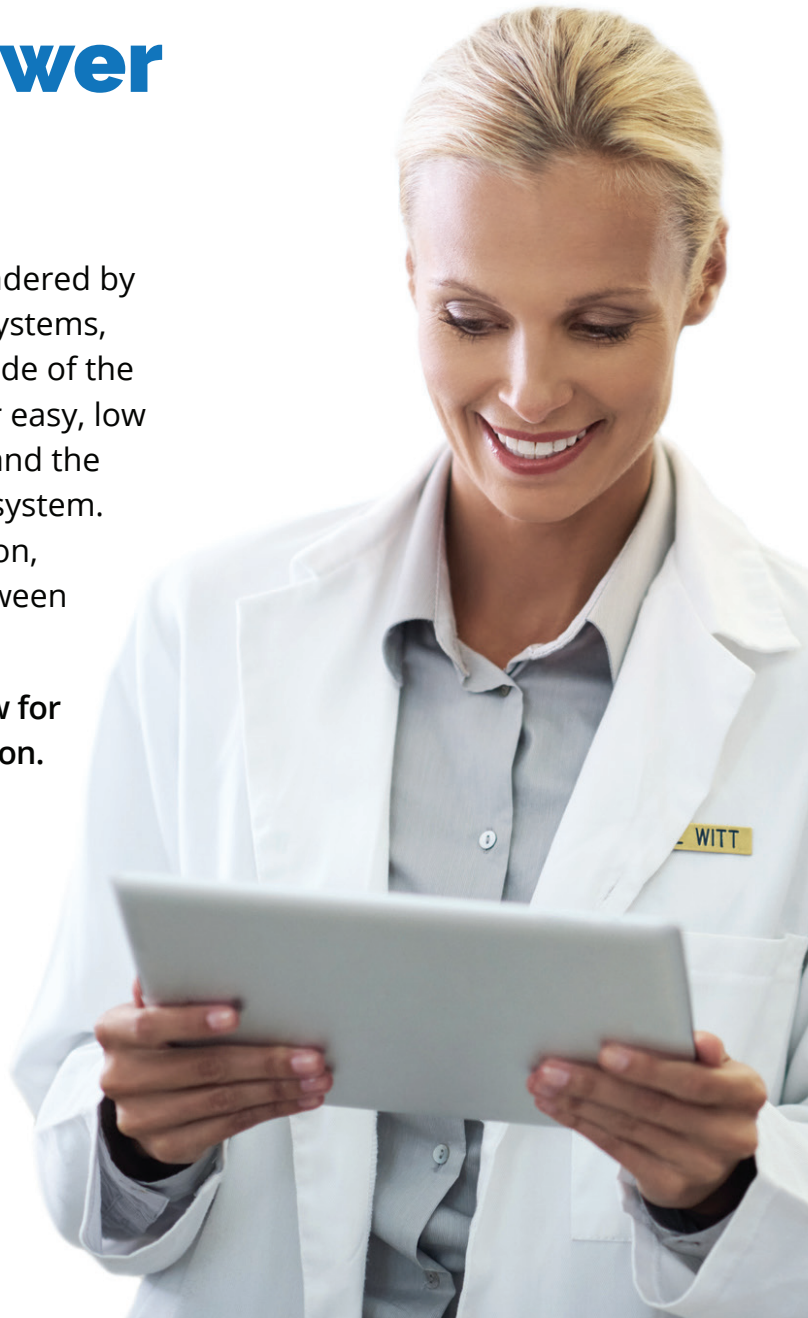# Neudesic FHIRPower
Accelerator

Digital workplace transformation can often be hindered by the cost and complexity of integration with EHR systems, limiting the patient and physician workflows outside of the EHR. Neudesic's FHIRPower Accelerator allows for easy, low risk and quick integration between EHR systems and the Power Platform and the rest of the Microsoft Ecosystem. FHIRPower allows for the querying, synchronization, bi-directional creation and update of records between any EHR that supports FHIR interfaces.

The built-in AI retrieves FHIR capabilities and allow for easy, point and click configuration of the integration.

- Automated Capability detection

- Point-and-click configuration and full support for SMART on FHIR

- Microsoft Services Driven Platform with Rich API for modern web and mobile apps

- Native mapping to Microsoft Health Care accelerator

- Reliable Inter-operability

Neudesic Healthcare Clients:

PROVIDENCE Health & Services · stryker® · American Cancer Society® · MAYO CLINIC · Texas Children's Hospital® · scan HEALTH PLAN® · aetna®

Cancer Treatment Centers of America · hoag · PeaceHealth Medical Group · DePuy Synthes · FRESENIUS MEDICAL CARE · Renown HEALTH · St. Jude Children's Research Hospital

Neudesic FHIRPower Accelerator

Quick and easy AI driven EHR integration

Extending EHR systems beyond their borders with minimal deployment and configuration. Supports all current HL7 FHIR versions as well as mappings to and from HL7 V2 and V3.

Automated Capability detection

Quickly understand the FHIR capabilities of your server.
Our AI Driven detection software retrieves the capabilities of your FHIR endpoint in your EHR and then presents you with the data you can create and extract from the system. This allows users to take advantage of the interoperability work done by the HL7 FHIR working groups.

Point-and-click configuration and full support for SMART on FHIR

Our point-and-click configuration allows you to select the data mappings to create tasks which will move data to and from Microsoft Common Data Services.

Information at Your Fingertips
Easily extend all your Power Apps, Microsoft Teams Apps, Microsoft 365 and Dynamics applications to utilize and query EHR data with no extra work.

Native mapping to Microsoft Health Care accelerator

We setup default mappings for the Microsoft Healthcare accelerator allowing you to move data in and out of Microsoft CDS without any mapping changes and utilize Power Automate to do actions on this data, like syncing appointments to O365 calendars, or looking up Provider or Patient data, or Encounter data. Display data on portals via Power Portals or analyze Data in Power BI.

Microsoft Services Driven Platform with Rich API for modern web and mobile apps

The microservices layer of FHIR Power provides access to EHR systems in a secure and accessible way, allowing web and mobile applications to easily get access to EHR based data, while still enforcing strong HIPAA compliant security. sec

The Accelerator includes a management Application built as a Model Driven Power App in the Microsoft Power Platform.

Reliable Inter-operability

Neudesic FHIRPower securely integrates your EHR system with web and mobile apps, Dynamics 365 and the Power Platform easily and reliably.

The AI logic and accelerator services are built utilizing .NET core (a cross-platform version of .NET) allowing the deployment on many platforms and docker images.

Neudesic FHIRPower Accelerator

Use Cases:

For Virtual Care
Synchronize meetings and tasks between your EHR and Microsoft 365

For Power BI Reporting
Build engaging Patient and Member experience solutions that integrate EHR data with clinical workflows.

For Public Health
Query Diagnostic reports and Encounter findings to generate Electronic Case reports directly to Public Health officials including AIMS and eCR.

For Revenue Cycle Management
Extract Billing data from EHR and other FHIR/HL7 sources for financial analysis and reporting.

For Provider Info solutions
Creating a golden Provider record by combining EHR provider records and other public Payor records as provided under Governmental requirements.

For Customer 360 solutions
Extract patient visit and encounter information and combine it with cost and billing information in Microsoft Customer Insights to get a holistic view of your patient cost and revenue.

For Patient and Provider Marketing
Query Patient encounter, diagnostic data and generate patient and provider marketing segments for direct outreach via Microsoft Dynamics for Marketing.