

Connect Virginia

Advancing Virginia's Health Care

CONNECTVIRGINIA

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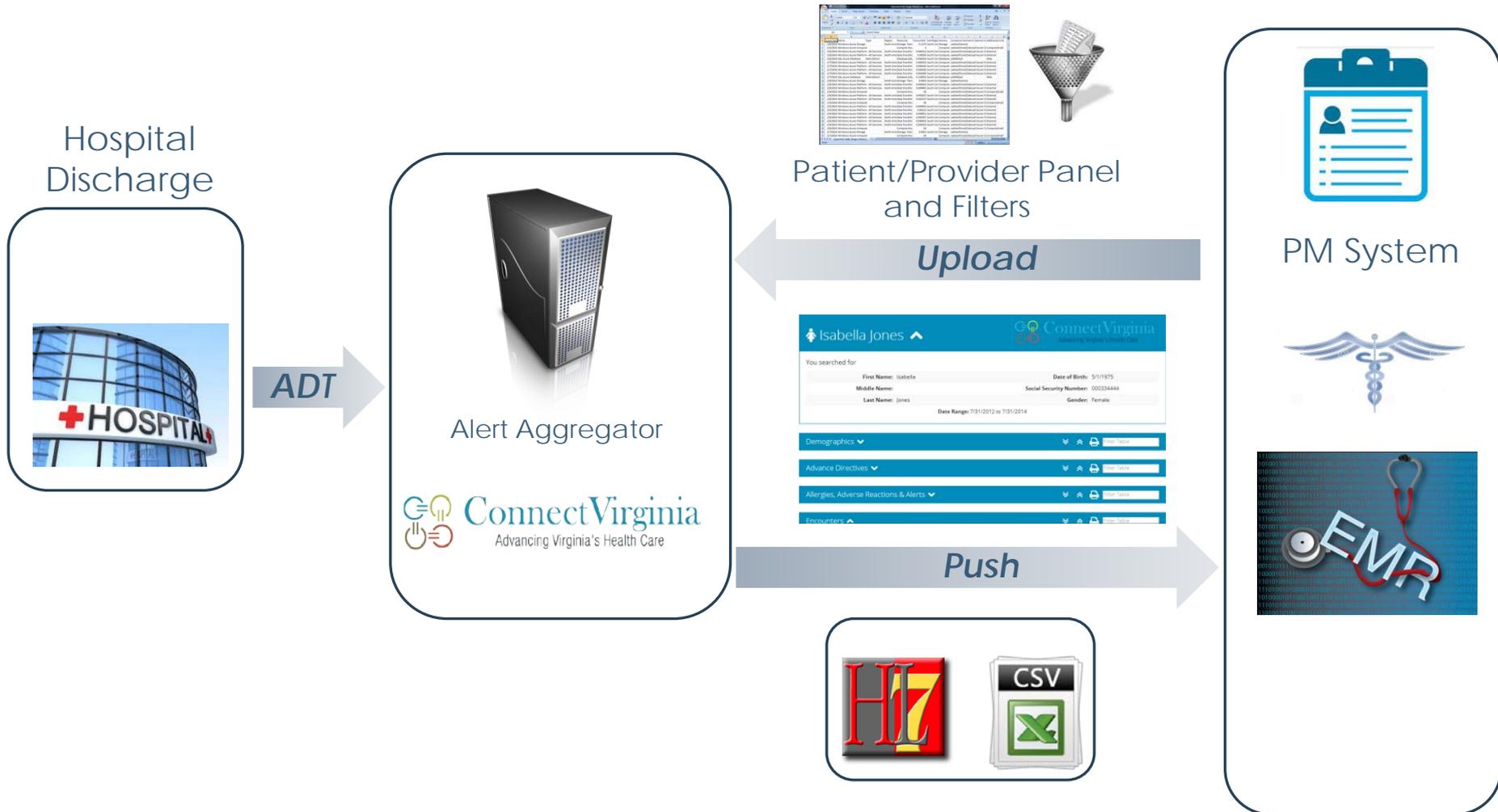




What are Encounter Alerts?

ConnectVirginia's Encounter Alerts service provides a secure, electronic daily notification to treating providers when certain health care encounters occur for any of their patients. Participating health systems and hospitals provide ADT (Admission-Discharge-Transfer) messages to ConnectVirginia and those messages are used to identify inpatient admissions, inpatient discharges and emergency department encounters for specific patient populations.

Connect Virginia Alert Model





The basic technology required to send automated alerts is a launching pad for a wide variety of specific use cases – from retrieving patient data from the HIE upon admission to sending an automated notification and distributing patient data such as discharge instructions, to helping identify and track certain types of high-risk patients. The range of use cases means a multitude of benefits including:

Enhanced care coordination:

Providers can receive critical information needed to perform proactive, timely follow-up with patients

Improved tracking of high-risk patients:

Providers can more easily keep track of patients with complicated or chronic illnesses who may be using the health care system inappropriately or are more susceptible to medical errors due to frequent transitions in care

Better population health:

Providers and public health officials can identify patients with certain highly contagious illnesses to help suppress the spread of disease

Support of new care delivery models:

New care delivery models, such as ACOs or PCMHs, are tying financial success to effective care coordination, meaning that providers need to keep track of patient encounters and care outside of their own practices and facilities



Use Cases

Practices can capture cases for transitional care management CPT codes from CMS for calling a patient within 48 hours (which is hard to do consistently without this service)

Hospitals can reduce readmits (under CMS program) based on the post-discharge care coordination

ACOs are alerted when their attributed patients show up at a hospital.



Encounter Alerts Stats – No. VA pilot

(January 2015 – May 2015)

*Inova Health delivers ADT messages to ConnectVirginia in real-time.
HealthConnect IPA practices receive daily alert reports.*

Practice	FPA		FFPCS		GIMG		MVIM		NMUCC	
	INP	ED	INP	ED	INP	ED	INP	ED	INP	ED
Subscribed Patient Count	12,389		198,558		29,947		23,928		169,369	
Alert Count	20	178	2029	3288	224	314	823	1169	138	363
Grand Totals	8546									

FPA - Fairfax Pediatric Associates
 FFPCS - Fairfax Family Practice Centers
 GIMG - General Internal Medicine Group
 MVIM - Mt. Vernon Internal Medicine
 NMUCC – NOVA Medical Urgent Care Center

INP – Inpatient
 ED – Emergency Dept.



ONC Grant - Enhanced Features

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- Enhanced EA on ED/hospital discharge: Fully automating transmission (through Secure Messaging) to a subscribing provider of an EA accompanied by a C-CDA for comprehensive care information and seamless integration into the patient's chart

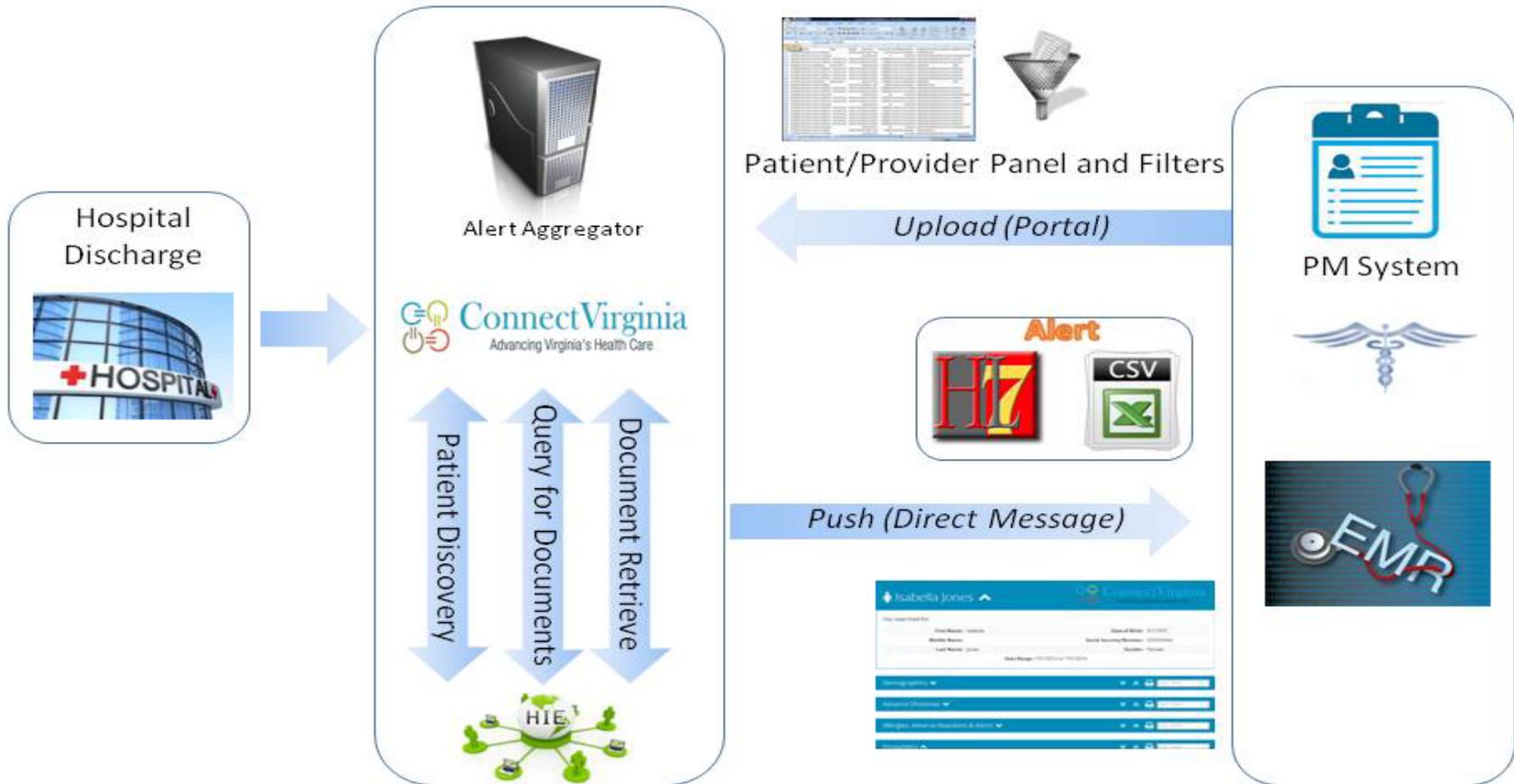
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- ED visit/hospital admission "fetch": Automating a "fetch" of C-CDAs accessible through eHealth Exchange for integration into a patient chart at time of presentation to a hospital ED or inpatient registration (admission)

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- Ambulatory care "pre-fetch": Utilizing eHealth Exchange, implementing a "pre-fetch" of C-CDAs. Using appointment data, the C-CDA would be "fetched" prior to the patient's arrival at the practice for a medical appointment (hence the term "pre-fetch"). The C-CDA is transported to the practice utilizing Secure Messaging for seamless integration into the patient's chart and physician's inbox

Enhanced EA on ED/Hospital Discharge

Patient Hospital Visit:
A patient is discharged from the hospital.

Practice:
Practice panels and filters drive the type of alerts and delivery mechanism. C-CDA summaries are pushed for the specific discharge.





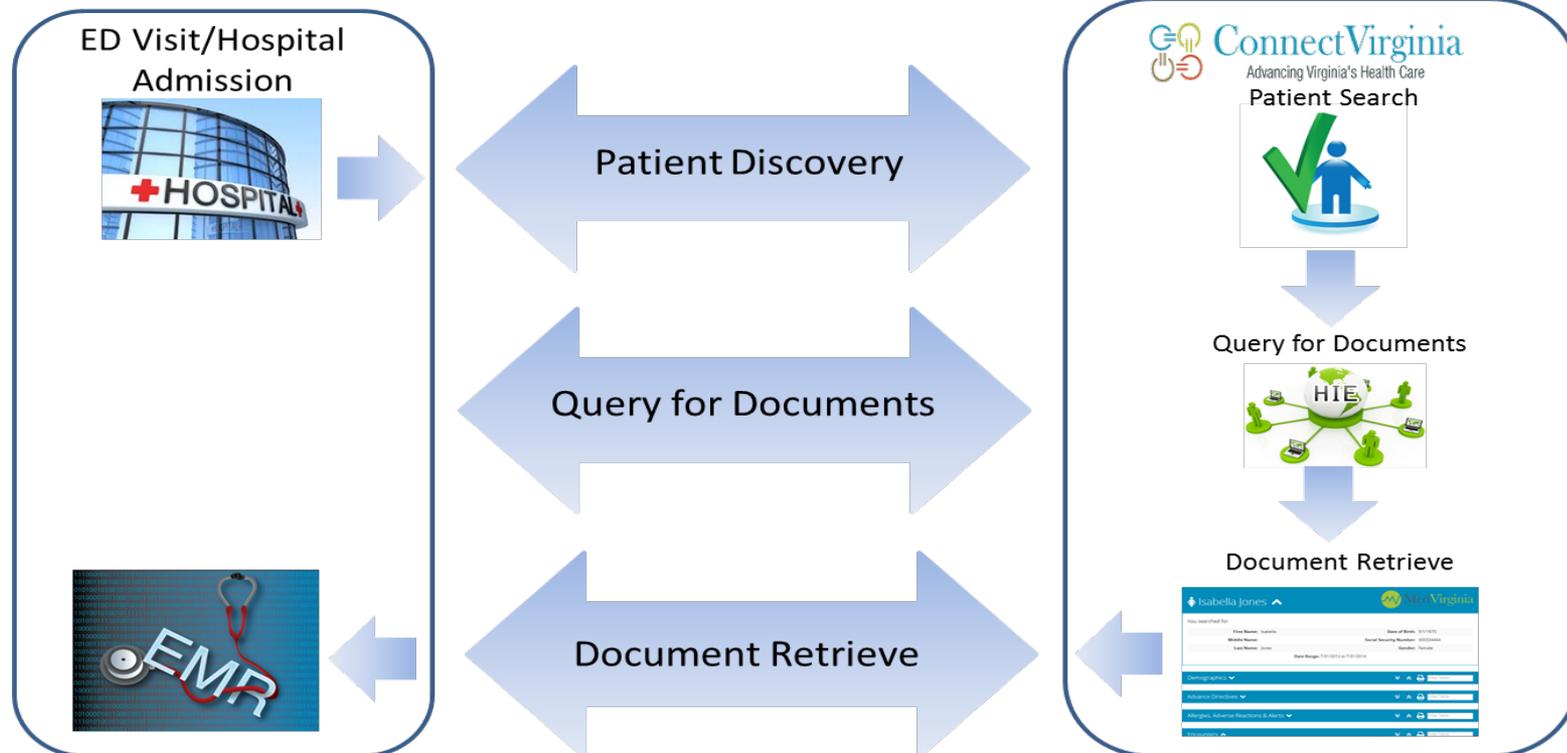
ED Visit/Hospital Admission Fetch

ED Visit/Hospital Admission:

A patient is seen in the ED or admitted to the hospital. This triggers a patient discovery (PD), a document query (DQ) and a document retrieve (DR) to the ConnectVirginia HIE

ConnectVirginia HIE:

ConnectVirginia receives the Patient Discovery (PD), queries nodes across the HIE and fetches C-DA Summaries where the patient has received care pushing them back to the hospital to be consumed by the EMR.





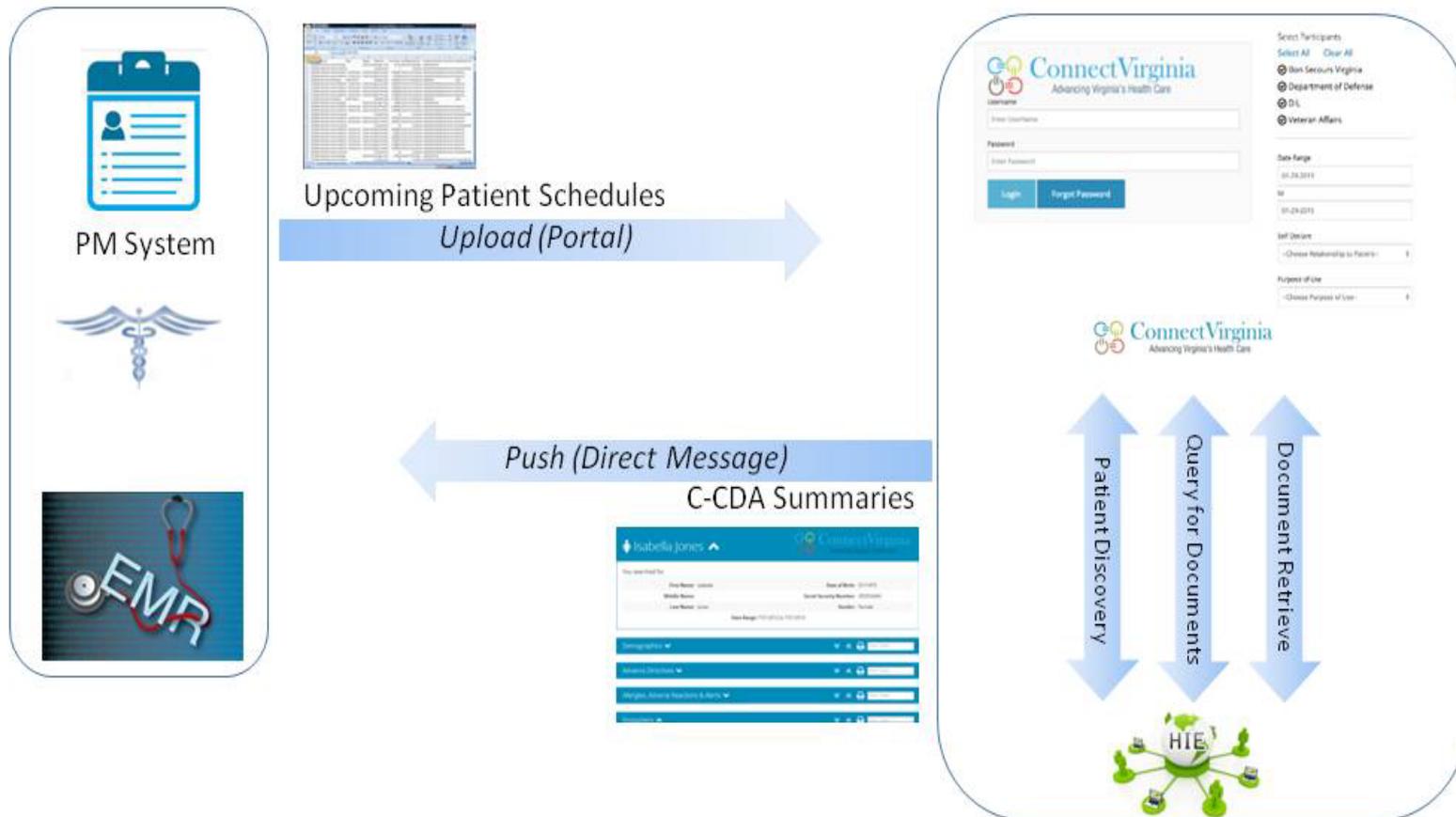
Ambulatory Care Pre-Fetch

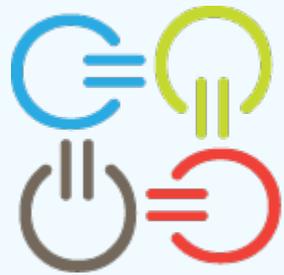
Practice:

Practice uploads upcoming patient schedules into the ConnectVirginia Secure portal pre-fetch service.

ConnectVirginia HIE:

Practice schedules, role, purpose of use, clinical date range and pre-selected organizations drive the pre-fetch queries on behalf of the practice. C-CDA summaries are then packaged up and pushed back to the practice.





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Questions