PUT GENOMIC INSIGHTS TO WORK IN EPIC



Genomic decision support designed for the way health systems and clinicians work.

Precision medicine has the potential to transform patient care as more systems adopt it. But having genomic data is only the beginning. The real opportunity is turning that information into actionable insights—at the moment clinicians need them.

ActX brings evidence-based genomic decision support into Epic, helping health systems make genetics including pharmacogenomics - part of everyday clinical care.

Designed around existing clinician workflows in Epic, ActX helps clinicians make informed decisions without requiring them to become experts in medical genetics—and without requiring health systems to make the major effort and investment to build and maintain genomic decision support from the ground up.

FROM GENOMIC DATA TO CLINICAL ACTION

Import. Interpret. Act.

IMPORT

Bring genomic data together from multiple clinically valid sources and laboratories—from individual gene tests to whole genomes.

INTERPRET

Apply an evidence-based Knowledge Base that is continuously updated as research, guidelines and classifications evolve.

ACT

Deliver relevant genomic insights directly within your current and widely used Epic workflows, helping clinicians make informed decisions when they matter most.

Empowering clinicians. Advancing precision medicine. Improving patient care.

BUILT FOR EPIC. DESIGNED FOR CLINICIANS.

Genomic decision support only adds value when clinicians can use it easily. ActX is designed to make genomic information accessible within routine workflows.

CLINICAL DECISION SUPPORT AT THE POINT OF CARE

During the normal medication ordering process, ActX can evaluate a patient's pharmacogenomic information against medications and provide guidance related to efficacy, dosing and potential adverse effects.

Clinicians can also access a consolidated patient genomic profile within Epic, bringing relevant medications, risks, risk factors and carrier status information together in a clinician-friendly view.

The result: genomic information becomes a routine part of clinical decision making—not another system clinicians have to navigate.

DESIGNED FOR CLINICIANS

Genomic information can be complex. ActX translates evidence into clinician-friendly decision support that helps physicians understand relevant findings and make informed decisions quickly.

EVIDENCE THAT KEEPS EVOLVING

The ActX KnowledgeBase incorporates evidence and guidelines from established sources and is regularly updated as the science evolves.

60+ Genes
Pharmacogenomic content and decision support

600+ Medications
Pharmacogenomic guidance

100+ ACMG 3.3 + additional risks
Genetic risk content

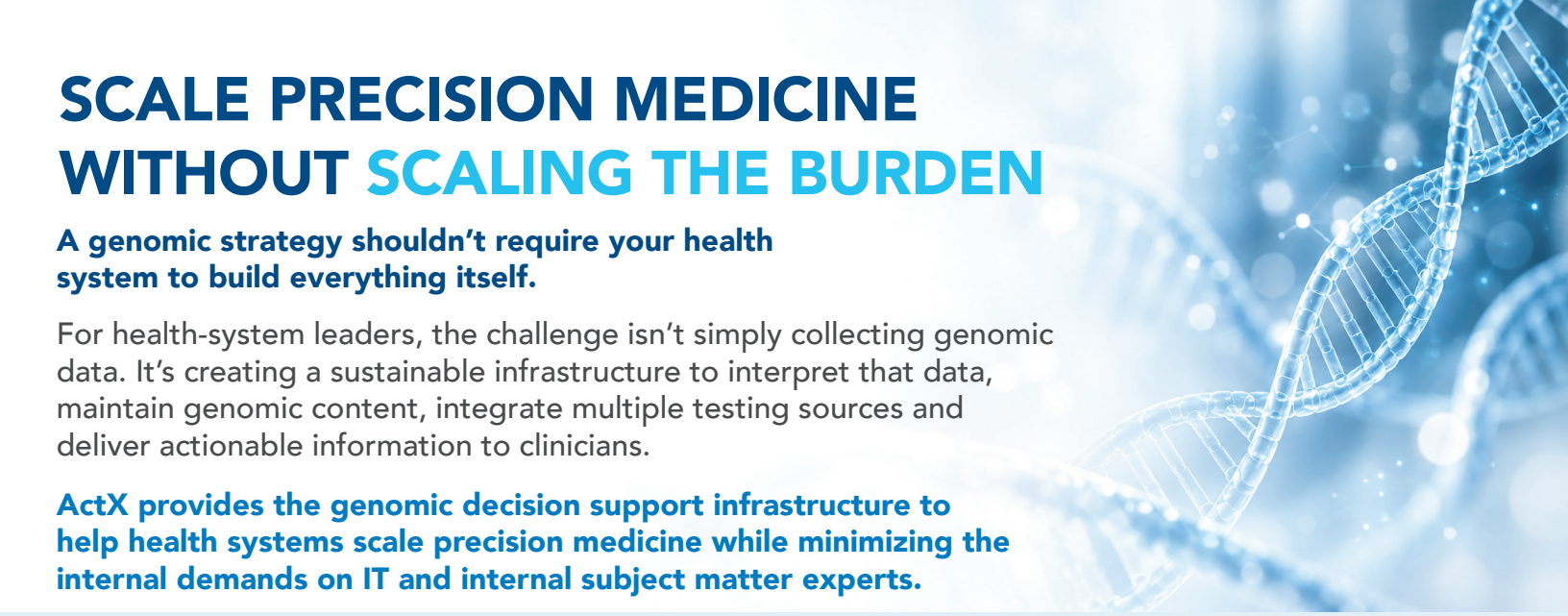
300+ carrier statuses
Carrier-status information

ACTX: PROVEN IN EPIC HEALTH SYSTEMS

15
Epic health systems implemented

As little as 5 weeks to implement comprehensive genomic decision support

SCALE PRECISION MEDICINE WITHOUT SCALING THE BURDEN



A genomic strategy shouldn't require your health system to build everything itself.

For health-system leaders, the challenge isn't simply collecting genomic data. It's creating a sustainable infrastructure to interpret that data, maintain genomic content, integrate multiple testing sources and deliver actionable information to clinicians.

ActX provides the genomic decision support infrastructure to help health systems scale precision medicine while minimizing the internal demands on IT and internal subject matter experts.

ONE PLATFORM. MULTIPLE SOURCES OF GENOMIC DATA.

LABORATORY AGNOSTIC BY DESIGN

ActX can import discrete genetic data from any laboratory and support multiple data formats, including VCF, HL7, CSV and FHIR.

From single-gene testing through whole genomes, ActX provides a consistent approach to genomic interpretation and decision support.

Your genomic strategy shouldn't be limited by where the data comes from.

TURN COMPLEX GENOMICS INTO ACTIONABLE DECISIONS

PHARMACOGENOMICS

Help clinicians make better-informed medication decisions.

ActX checks medication orders against available patient genetic results during normal Epic medication ordering workflows. Clinicians receive relevant guidance when there may be implications for medication efficacy, dosing or adverse drug effects.

ActX supports advanced interaction checking, including drug-drug-gene (phenoconversion), drug-gene interactions, and dosing and routes, as well as pre-testing alerts to help identify patients who may benefit from genetic testing.

With ActX one Epic OPA/BPA can provide the equivalent of 1,000+ PGx alerts—all maintained by ActX.

ACTIONABLE GENETIC RISKS

Surface important genetic information when it can influence care.

ActX can provide clinical alerts for actionable genomic risks, including hereditary cancer and cardiovascular risks.

Within Epic, the ActX Patient Genomic Profile provides a consolidated view of relevant risks, risk factors, carrier status and medication-related genomic information.

Make important genomic findings visible—not buried in a static PDF report.

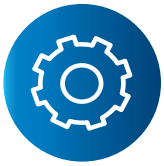
PATIENT-FRIENDLY GENOMIC INFORMATION

Extend genomic understanding beyond the clinical team.

ActX provides patient-friendly genomic content through MyChart, using accessible language and visual information to help patients understand their results and work with their clinicians when genomic findings may influence therapy or care.

Patient-facing content is also updated as evidence, guidelines and classifications evolve.

BUILT TO FIT YOUR HEALTH SYSTEM



CUSTOMIZE WITHOUT CREATING AN IT BOTTLENECK

Every health system has its own clinical priorities, workflows and governance requirements. ActX allows organizations to customize genomic content and alerts through an easy-to-use web-based tool.

Health-system stakeholders can manage customization without requiring IT resources for changes.

And as evidence and guidelines evolve, customizations are maintained rather than lost.



REDUCE THE OPERATIONAL LIFT

ActX helps health systems avoid the need to independently build and maintain extensive genomic decision-support content and individual PGx alerts.

Less time building. Less time maintaining. More time putting genomic medicine into practice.



WORK WITH YOUR EPIC STRATEGY

ActX does not require the Epic Genomics Module. For health systems using EGM, ActX can complement the module while helping reduce the resources needed to use, maintain and scale genomic capabilities.

MAKE GENOMICS PART OF EVERYDAY CARE

Your health system has already invested in Epic. ActX helps extend that investment into genomic medicine—bringing evidence-based decision support into the workflows clinicians already use.

Whether you're expanding pharmacogenomics, building a broader precision-medicine strategy or looking for a scalable way to operationalize genomic data, ActX can help turn genomic information into clinical action.

READY TO PUT GENOMIC INSIGHTS TO WORK IN EPIC?

Discover how ActX can help your health system scale genomic decision support and enhance patient care.

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ActX

Genomic Decision Support Platform

Contact ActX

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