CIOs are shifting investments from core EMRs to infrastructure solutions that enable flexibility and adaptability

Cybersecurity tools 55%
Data and analytics architecture and tools (big data, warehouse, etc.) 53%
Virtual care (telemedicine, remote patient monitoring, etc.) 39%
Patient engagement technology (CRM apps, portals) 35%
Interoperability tech (interface engines, APIs, etc.) 31%
EMR 28%

Please select the top five provider-specific solutions that your enterprise will spend the highest amount of new or addition funding on in 2022.
Responses over 15% shown; excludes "not sure", n=94).
Source: Gartner 2022 Healthcare Provider CIO Survey

How are your investments shifting?

Downward trend continues (31% 2021, 39% 2020)
Up from 19% last year

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Today's acquisition approach won’t work with hundreds of apps

1. Assign selection committee
2. Search for alternatives
3. Evaluate options
4. Select short list
5. Assess cybersecurity & privacy
6. Check references
7. Host vendor presentations
8. Select best option
9. Negotiate prices & details
10. Assign deployment team
11. Plan Project
12. Deploy App

ISSUE

Today's acquisition approach won’t work with hundreds of apps
A shift is needed in providers' acquisition strategies

Best-in-breed
1990s

Preferred vendor(s)
2000s

Preferred ecosystem
Today

BENEFITS OF THE EDISON™ ECOSYSTEM

GE HEALTHCARE MARKETPLACE

One place to FIND and BUY non-GE and GE AI algorithms

apps.gehealthcare.com

EASIER TO DEPLOY & ADMINISTER AI

1 One IT integration

2 One invoice

3 Integrates AI into existing workflow

1Only validated with a selection of PACS and IT systems, consult your GE representative for more information.
2Technology in development that represents ongoing research and development efforts. These technologies are not products and may never become products. Not for sale.
Edison™ Digital Health Platform

Enabling better patient care through productivity and seamless workflow integration

**Operating Layer**
- “connect once”
- on premise or cloud
- single interface
- secure integration to data sources including EMR.

**Artificial Intelligence Engine**
- machine learning toolkits for AI development
- orchestration engine

**Enterprise Data**
- multi-modal data aggregation
- data transformation and processing
- clinical and operational applications to aid provider insights

**Development Platform**
- tools for GE and third-party developers
- accelerate development of workflow and AI enabled apps

Flexible, data aggregator to put your data to work, reduce IT burden and help you improve productivity

Technology in development that represents ongoing research and development efforts. These technologies are not products and may never become products. Not for sale.

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Where does this fit in the hospital?

Edison Health Services is a customizable, purpose-built, modular software platform that is designed to enable deployment of HIPAA compliant healthcare solutions which can aggregate, correlate, analyze, process, display and share data from connected medical devices, sensors and health information systems.

Operational efficiencies
Ease of integration

¹Deployment options may vary depending on product.
Foundation: Edison Health Services

Open, extensible, modern architecture makes it easier to consume digital apps

Platform is comprehensive, healthcare-specific, deployment agnostic

EDISON HEALTH SERVICES
Upgradeability | Seamless integration of 3rd party apps | Plug & play implementation | Flexible deployment | Complete lifecycle management

On-premise | Datacenter | Cloud²

CT Smart Subscription
Edison AI Orchestrator¹
Advanced Visualization
Patient Monitoring²
Telem medicine²
Pharma²

New services to enable new package
New package/app from 3rd party

Buy new apps from GE & others

¹ Only validated with a selection of PACS and IT systems, consult your GE representative for more information.
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MR Excellence

Dr. Tiron Pechet
Assistant Medical Director, CMIO
Shields Health Care Group

Adoption of New Technology

Shields utilized GE’s AIR Recon DL (ARDL) algorithm and compared baselines from across all exam types.

Assess IQ Impact

Using 3T machines at each site, an IQ assessment was done to determine the effectiveness of the algorithm with either no or improved image quality impact.

Result: Improved capacity and patient experience

Monthly patient volume per site

- Observed significant patient throughput increases of 29 patients per month or more, accounting for COVID workflows, and decreasing patient table times.

CHALLENGE

Improve patient comfort and access without changing operating hours, staffing, or sacrificing image diagnostic capabilities.

Decreased patient table times up to 7 minutes while increasing patient access up to an additional 29 patients per month per site**

** - Results listed here are of this specific customer and may not be typical. Results are based on factors specific to each customer. GE Healthcare cannot guarantee these or similar results.
Radiology Operations Excellence

**Data Rigor: Begin to Complete Accuracy**

- 70% Improvement Overall
  - 2018 – 23% of timestamps <=0
  - 2021 – 7% of timestamps <=0

**Patient Wait Times: ER**

- 39% Improvement in ER DR Patient Wait Times
- 14% Improvement in ER CT Patient Wait Times

**Patient Throughput: ER**

- 8% Improvement in ER DR Patient Throughput
- Slight 2% decrease in ER CT Patient Throughput

**CHALLENGE**

Understanding technologist performance and addressing ED complaints of departmental imaging delays

**Emergency Room DR: 39% reduction in patient wait times resulting in 22 additional patients per week**

* - Results listed here are of this specific customer and may not be typical. Results are based on factors specific to each customer. GE Healthcare cannot guarantee these or similar results.
Artificial Intelligence toolkit

Edison AI services

Data Source

- Manage Data
- Annotate Data
- Train Model
- Infer / Predict
- Orchestrate

Build

- Workbench
- Inferencing
- Orchestrator

Output:
- Models
- Containerized Solution
- Integrated Product
- Integrated Solution

Deploy

Deployment Targets

- Telemedicine
- Smart Edge Devices
- On Device

Enables Life Cycle Management @ Scale
By 2024, healthcare providers that have adopted a digital health platform approach will outpace competition and partners by 80% in speed of digital transformation and new feature implementation.
INTEGRATION  Every app is a new IT project  Effortless via orchestration

DEPLOYMENT  Decision for each new app  On-device, on-premise, cloud

VENDORS  Tens or hundreds  One trusted partner

CHOICE  Search for new apps  Wide selection, in one location

TRANSACTIONS  Multiple bills, vendors, ...  One trusted partner

THIS CHANGES EVERYTHING

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Edison Digital Health Platform helps accelerate your digital transformation

<table>
<thead>
<tr>
<th>I</th>
<th>Simplify</th>
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<tr>
<td>Single, simple integration to existing systems</td>
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<td>Common IDAM</td>
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<td>Common security</td>
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<td>Complete patient &quot;jacket&quot;</td>
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<td>Cohort management</td>
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<th>II</th>
<th>Innovate</th>
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<tr>
<td>Deploy apps quickly, securely, safely from GE Healthcare, other healthcare providers, ISVs</td>
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<td>Build and deploy powerful apps and analytics in-house</td>
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<td>Quickly integrated into existing workflows</td>
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<td>Pre-integrated, pre-validated requiring no-to-fewer IT resources or skills</td>
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<th>Operate</th>
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<td>Automatic version control with low downtime</td>
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<td>Electronic delivery &amp; management</td>
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<td>Security, remote monitoring, backup &amp; restore</td>
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<td>Simplified IT billing</td>
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<th>Manage</th>
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<tr>
<td>Secure &amp; IT-managed</td>
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<td>All apps can conform to same standards, even in-house developed</td>
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Easy Integration
Choice & Flexibility
Optimize IT Resources
Future-proof

Technology in development that represents ongoing research and development efforts. These technologies are not products and may never become products. Not for sale.
Spend less time with paperwork and more on patient care