

Case Study: Healthcare

How 100,000 Help Desk Tickets Were Proactively Answered with IAM



Identity & Access Management Transforms User Access for Hospital

Business Challenge Summary:

When a leading operator of acute care hospitals became fed up with their inefficient IT provisioning systems and growing user dissatisfaction, they turned to GCA and Micro Focus for help. With a limited Identity & Access Management (IAM) solution in place, they were struggling to provision new users quickly, which bogged down their valuable providers and staff.



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Overview

Project Scope:

With more than 218,000 IT users, our client was in need of a complete identity management solution. They suffered from numerous internal inefficiencies — from no synchronization across multiple applications and platforms, to no auditing or mapping of users to applications and access, and limited password self-service options.

Project Approach:

GCA's consultants worked closely with the client's IT security team to design workflows and entitlements to enable automated provisioning that aligned to their goals for this complex project. Our team then developed connectors to join the client's numerous clinical applications from Allscripts, Cerner, Healthcare Management Systems, Keane, McKesson and Meditech to the IAM tools.

Project Results:

The IAM program has increased user satisfaction and productivity, and the results are truly astonishing. IAM decreased the time to provision new users with system access from an average of three weeks to 10 minutes, and also reduced the time to modify or remove users from 24 hours to under four minutes. The client's users and providers are now able to gain access to critical applications quickly and easily, without delay or interruption to their work.



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Situation

Manual Processes Bog Down Users & IT Team

Our client was in need of some real help. As the leading operator of acute care hospitals in the U.S., they were managing access for over 218,000 IT users. Adding to the complexity, they were regularly acquiring new hospitals, and their IT staff was struggling to keep up with on/offboarding requests, password changes and ad hoc, user-access requests across multiple applications. Their existing manual processes involved extensive paper trails that were routed via fax for approval from numerous departments.

It all added up to disappointing delays that affected their ability to provide patient care.

With their existing system, it took an average of three weeks for new users to be granted access to applications. To work around this delay, users were sharing passwords so they could perform routine tasks. This activity compounded our client's risk of data breach, and **lost productivity was costing them millions of dollars a year.**

Password changes were another area for improvement, as there were no self-service tools available to help expedite requests. The client's Help Desk team was overloaded with more than 8,000 "password help" tickets each month.

Our client had an existing Micro Focus (NetIQ) Identity Manager solution in place, but was only using a fraction of its functionality. They were a perfect candidate for an automated Identity & Access Management solution.

GCA Offers the Following Solutions:

- Identity & Access Management
- Privileged Access Management
- Access Governance
- Single Sign-On
- Multi-Factor Authentication
- Security Information & Event Management
- Web Application Security
- Enterprise Mobility Management
- Database Activity Monitoring



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We enable and secure access to business data by managing your digital identities.

Approach

IAM Project Begins with Blueprint

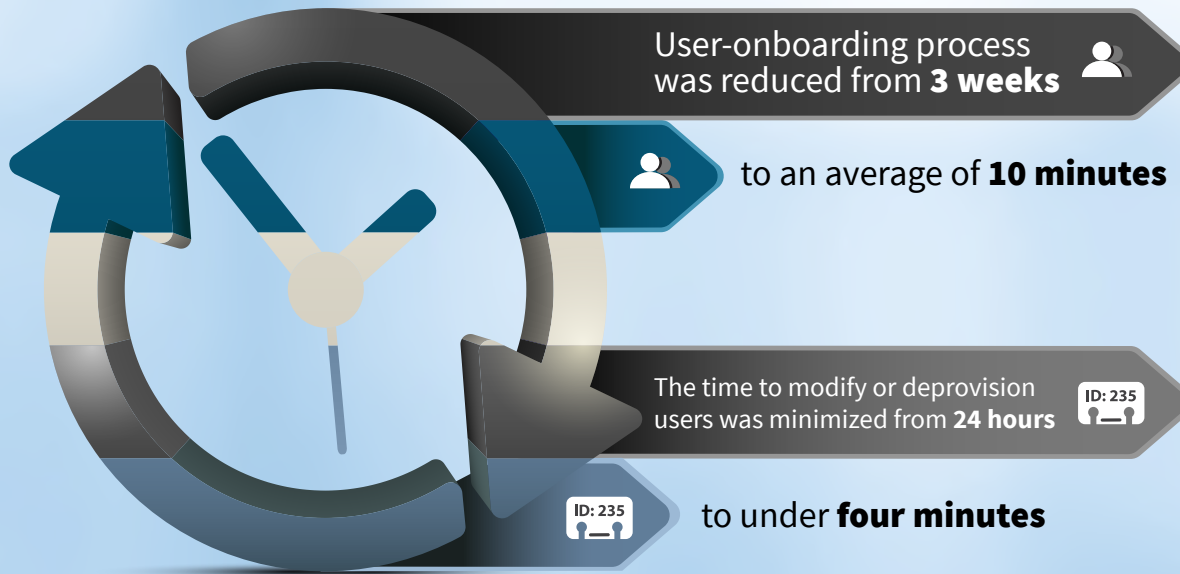
GCA's experienced consultants started this complex project by leveraging a methodical approach. In this case, the client performed their own assessment of their environment, applications and IAM infrastructure and shared their findings with us. Then, our team performed a complete review of their existing workflows for access approvals, to identify gaps and ensure automated provisioning could be enabled.

We invested considerable time up front to understand the client's goals for the project. It was clear that **their top priorities were to maintain users' digital identity data and condense access provisioning methods** to improve data consistency and enhance security — as well as provide a better user experience.

We developed a four-phased project blueprint that included automated user provisioning and password self-service functionality, to meet the client's requirements.

Considerable attention was given to plans to connect the existing IAM tools to their clinical applications from Allscripts, Cerner, Healthcare Management Systems (HMS), Keane, McKesson and Meditech.

Our team also performed a hardware assessment and **developed comprehensive infrastructure plans to scale the software tools to the client's massive number of users.**



Results

Enhanced IAM Program Yields Incredible Results

Our consultants worked alongside the client's IT team to ensure that each of the four project phases were completed on time and on budget. The results of the IAM program exceeded their wildest expectations.

With automated IAM in place, the client's on/offboarding and user modification processes were completely transformed.

Their user-onboarding process was reduced from three weeks to an average of 10 minutes, and the time to modify or deprovision users was minimized from 24 hours to under four minutes.

In addition, the enhanced IAM also created a paper trail that was valuable to our client's internal Audit & Compliance team. With defined workflows in place, data collection for audits was greatly simplified. The new password self-service tools were also a rousing success. The new tools prevented approximately 100,000 help desk tickets annually, and freed the client's IT team to transition to other areas to support their growing technology needs as they acquired new hospitals.

The numerous positive outcomes of this complex project outpaced all of our client's goals. The **new efficiencies for their 218,000+ users resulted in millions of dollars in annual cost savings**, a more productive and satisfied workforce, and positioned them for ongoing success managing user access in their growing organization.