

# Data Sheet | Avancer's EPIC – IdM Provisioning Enterprise Application Connector

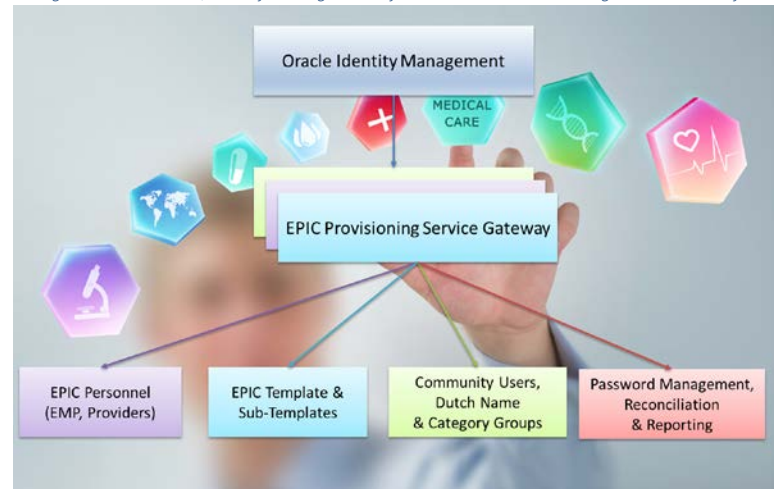
## Overview

EPIC's market focus is to provide large healthcare organizations with an integrated suite of healthcare software. The solutions are centered on a Caché database provided by InterSystems.

**According to EPIC, hospitals that use its software are in possession of 54% of patients' records in USA. About 190 million patients have a current electronic record in Epic.**

The range of EPIC's applications support functions related to patient care, including registration and scheduling; clinical systems for doctors, nurses, emergency personnel, and other care providers; systems for lab technologists, pharmacists, and radiologists; and billing systems for insurers. It has evolved as an important application support system within the healthcare industry.

Figure 1 Interaction of Identity Management System with EPIC Provisioning Service Gateway



## Features of Avancer's EPIC IdM Connector

- 1. Rapid, Timely and Precise account provisioning**
  - Manage complete identity lifecycle for EPIC users
  - Enable multiple accounts provisioning
    - Facilitate primary account provisioning with AD authentication
- 2. Supports 2012, 2014 security services Personnel management**
  - Support for internal and external ID
  - Password management
  - Establishes relationship between EMP & Providers (SER)
  - Support for entering credentialing information
- 3. Provides standard interface for reconciliation & real-time identity synchronization for all connected accounts**
- 4. Supports multiple linkable templates (including sub-templates), employee demographics, & category report groupers, extensive reporting.**
- 5. Secures User access through recertification.**



## Benefits for Administrators and End-Users

IdM Connectors are used to integrate IdM Solutions with external, identity-aware applications. Avancer's EPIC Connector can be deployed quickly to enable IdM Solutions to automate access rights management, security and provisioning of users on EPIC System. For system administrators and end users, such integrations result in following benefits:

- **Minimizes Costs & Risk:** Stores Identity information in a single, external source reducing maintenance & auditing requirements.
- **Brings down manual effort:** Automation of provisioning process that ties to existing provisioning systems resulting in accurate provisioning and is in sync with identity life cycle events.
- **Step-Up Enterprise Security:** Extensive reporting, certification to vet out access grants. Additionally, EPIC connector grants temporal rights to ease out personnel administration and manual efforts.

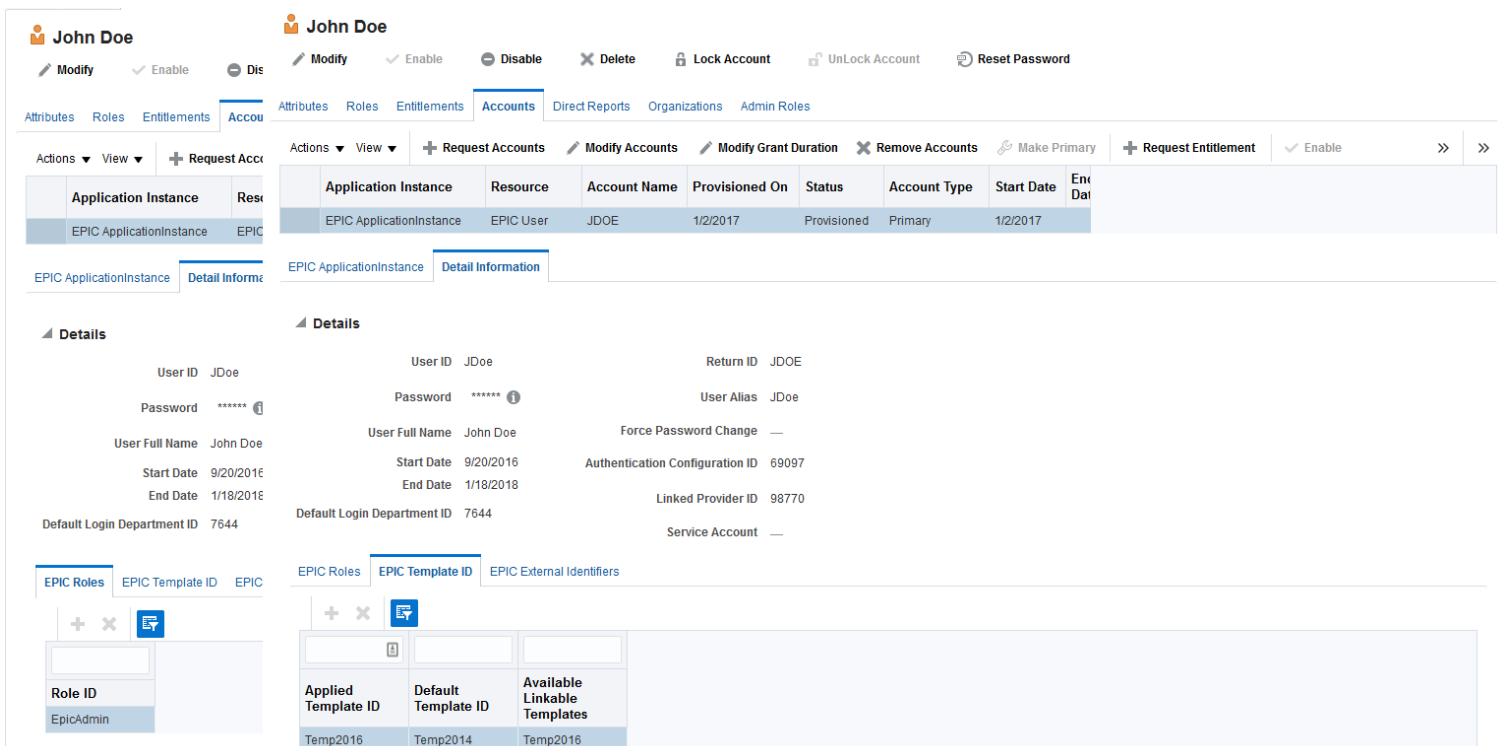
## Supported Functions of Avancer's EPIC – IdM Provisioning Enterprise Application Connector

Avancer's EPIC IdM Connector supports 2012 and 2014 Security Services Personnel Management and handles all identity life cycle events that includes joiners, transfers & leavers identity processes. Avancer's EPIC connector also performs CRUD operations on employee identity along with setting items like multiple linkable templates, employee demographics and category report groupers during user creation. Each of these functions can be performed singularly or depending on the operation, in a batch mode.

### Functions Details

<b>Create User</b>	Automated creation of a new user account on EPIC Application to provision the user and populate initial items. This function expands to set new items like multiple linkable templates, employee demographics and category report groupers during user creation. It also allows to create provider (SER) information.
<b>Enable User</b>	Activate a disabled user account on the EPIC Application and it also clears an end date set in the past, update the record based on the linked template and can add information to login history, if needed.
<b>View User</b>	Search a user(s) from within the Active Directory
<b>Update User</b>	Modify privileges or multiple linkable templates of users' accounts on the EPIC Application. The old value will be replaced with new value and new values can be assigned to the end of the list, if needed.
<b>Update Community User</b>	Update access to EpicCare Link/PlanLink/Healthy Planet Link ("community user") items
<b>Disable User</b>	Temporarily in-activate a user account on the EPIC Application. In EPIC system, inactivates a user record by setting the Status - Status (I EMP 50) item.
<b>Delete User</b>	Revoke the access of a user's account on EPIC Application. On EPIC System, this function soft deletes a user.
<b>Password Management</b>	Actively support tasks to manage, change (force change) and/or generate passwords. Password propagation to EPIC Systems for users who uses EPIC Native Authentication.
<b>Reconciliation</b>	Reconciliation of templates, sub templates and groups, access received from the target system. Reconciliation of Users based on the data sent by EPIC on daily basis.
<b>Reporting</b>	Reports that allow the view of users' access such as the list of departments and their groups, list of locations and service areas.
<b>Certifications</b>	Undertake certification related actions for credentials & other information

## Examples of EPIC Provisioning IdM Connector on Oracle Identity Management System

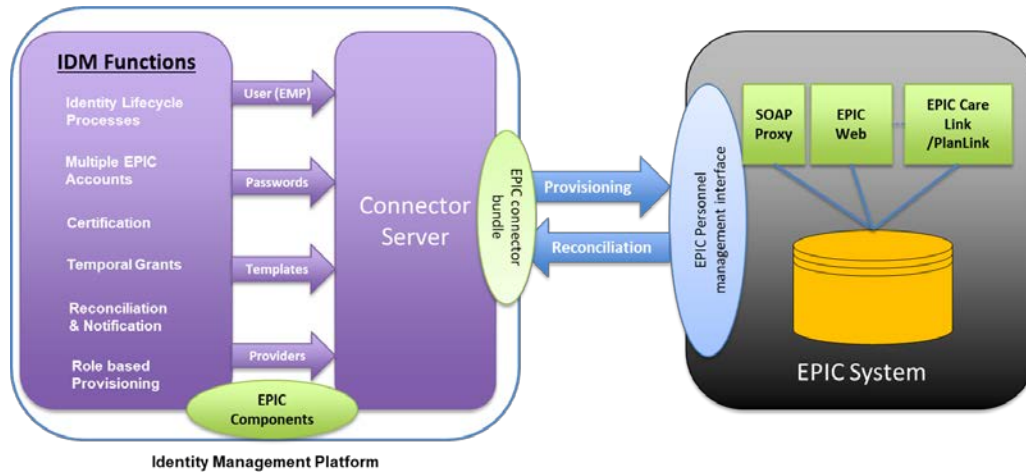


The screenshot displays the Oracle Identity Management System interface for user John Doe. The user's profile is shown with various actions like Modify, Enable, Disable, Delete, Lock Account, etc. The 'Accounts' tab is active, showing a table of application instances. Below this, the 'Details' section provides comprehensive user information, including User ID, Password, User Full Name, Start/End Dates, and various IDs. At the bottom, there are sections for 'EPIC Roles' (showing 'EpicAdmin') and 'EPIC Template ID' (showing 'Temp2016', 'Temp2014', and 'Temp2016').

Application Instance	Resource	Account Name	Provisioned On	Status	Account Type	Start Date	End Date
EPIC ApplicationInstance	EPIC User	JDOE	1/2/2017	Provisioned	Primary	1/2/2017	

Applied Template ID	Default Template ID	Available Linkable Templates
Temp2016	Temp2014	Temp2016

## Architecture Diagram



## System Requirements and Supported Platforms

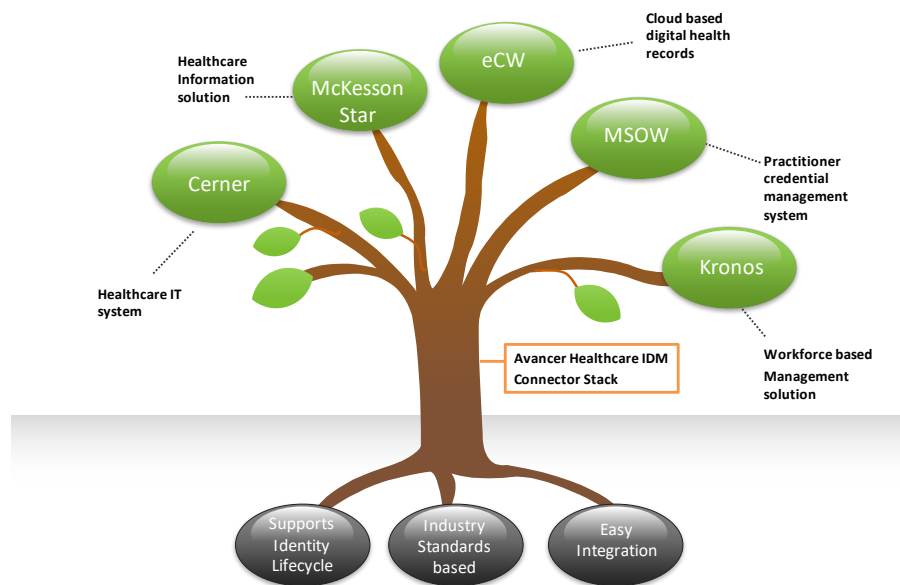
- Java JDK above version 1.6 (+), Connector Server
- Oracle Identity Management 11gr1 or 11gr2 (PS1+), Sailpoint IIQ, ForgeRock Identity Management 4.5
- EPIC Personnel Management interface license (Available from EPIC)

## Other HealthCare Connectors from Avancer development Lab

Avancer Corporation has developed healthcare industry specific IDM connectors for various industry specific applications to fully integrate IDM provisioning solutions.

Avancer's product and IT Security team come together to meet critical success factors, such as:

- Breadth and depth of industry knowledge and technical experience
- Ability to team with management, implementation professionals and internal audit personnel
- Consistent, modular and easy-to-use methodology
- Focus on learning, knowledge transfer and training



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## About Avancer

Avancer Corporation is a multi-system integrator focusing on Identity and Access Management (IAM) Technology. Founded in 2004, it has over a decade's expertise in the field of Identity and Access Governance, IT Security and Big Data Management. With a depth of experience in end-to-end IT Security Solutions, Avancer has evolved as a specialist in integrating enterprise IT security through a range of solutions, products and services focused in IAM Technology. Our services ranges from full term project life-cycle implementation to tailor made short-haul projects including software procurement, architectural advisement, design and development through deployment, administration and training.

For More Information, please visit <https://www.avancercorp.com>

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