



Phased approach to  
implementing  
Identity Governance &  
Administration (IGA)



**Analyst(s) :**

**Binod Singh**

President & CEO, ILANTUS

**Pramod Bhaskar**

CTO, ILANTUS

**Published :** 15th May, 2016

## Contents

|                                                          |   |
|----------------------------------------------------------|---|
| 1. Overview .....                                        | 1 |
| 2. IGA Implementation Approach - LHF .....               | 1 |
| - Phase 1 : Single Sign-on .....                         | 2 |
| - Phase 2 : User Access Visibility & Certification ..... | 2 |
| - Phase 3 : Access & Policy Management .....             | 2 |
| - Phase 4 : User Provisioning & Access Request .....     | 3 |
| - Phase 5 : Role Based Access Control .....              | 3 |

## Overview

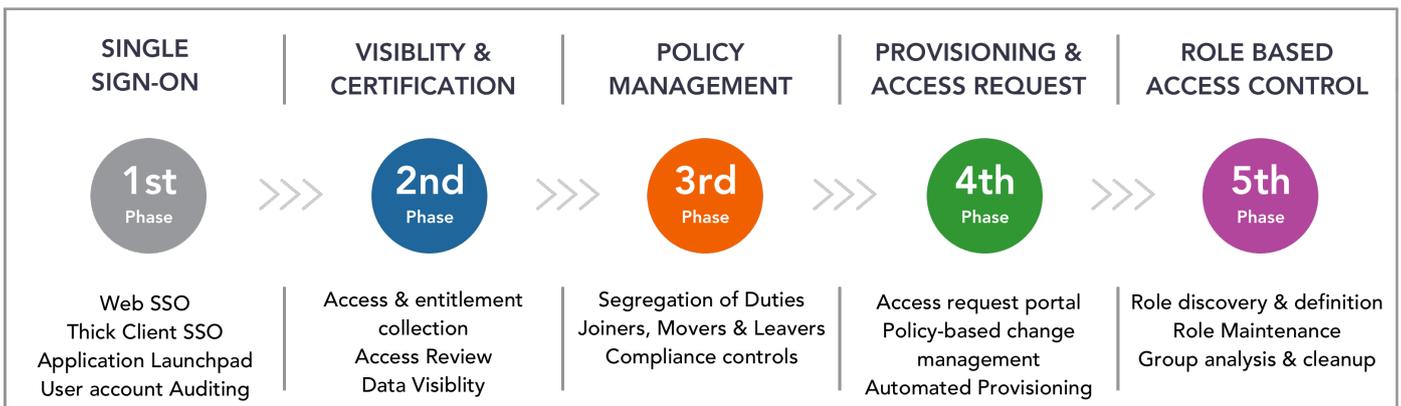
As IGA solution implementation has many touch points/stake-holders and possible process changes involved, successful completions have been challenging. Coordination with various stake-holders, identifying the business rules and processes are difficult and time consuming. They require a lot of consulting effort to extract the information required.

Customers have gone through various approaches to implement IGA solutions. The common ones are “**Big Bang**” approach and “**Phase-wise**” approach.

In Big Bang approach, all the IGA components: SSO, User Provisioning, Password Management & Access Governance solutions are getting implemented in one single phase. In Phase-wise approach, the IGA solution gets implemented in a phased manner. Both the approaches have their own pros and cons. However, Industry and **16+ years of ILANTUS’ experience** shows that the second approach has much higher possibility of successful completion of implementation.

## IGA Implementation Approach - LHF

In its 16+ years of experience of successfully implementing and supporting IGA solutions, ILANTUS recommends to implement IGA solution using “Phase-wise” approach, also named by ILANTUS as “**Low Hanging Fruit**” (LHF) approach. In this approach, the entire IGA solution is implemented in five phases.



## Phase 1: Single Sign-on

With technologies such as ILANTUS Xpress Sign-On, implementation of the Single Sign-On (SSO) solution is very quick and easy. The implementation can be completed in **3-4 weeks with 8 to 10 applications** integrated with the solution.

With this quick implementation, the end-users will start benefiting from this solution that helps them in accessing their day-to-day applications with ease while also **reducing the IT support/help desk calls**. Since the SSO touched all IT users, the benefits are highly visible and cause extremely pleasant experience right up to the Chief Executive level.

## Phase-2: User Access Visibility & Certification

By implementing the ILANTUS Xpress Governance solution, the organisation is able to collect the user access details (application accounts and entitlements) from various target systems in to one central user repository. This provides a comprehensive view of **“Who has access to what access”** in the organisation. This solution also helps the organisations to:

- Identify all orphan/rouge account/access in the organisation and enables the team to take actions on those accounts
- Clean the User Access Data
- Perform User Access review and re-certification

With this data clean-up process, the organisation moves in to more mature way of managing user access in various target applications. This improves the **security and audit/regulatory compliance**.

Existence of orphan accounts and ids, continuation of active accesses pertaining to separated employees and other matter of similar nature have become constant headache with auditors. A recent survey revealed, non-compliance issues related to these comprise of more than **one-third to half of the total security audit issues**. Access re-certification not only eliminates this completely, but also creates a **solid platform of healthy and accurate data** pertaining to granular user access right up to the entitlement level.

## Phase-3: Access Policy Management

Once the organisation has the view of “**Who has access to what systems**” and the user access data is more or less sanitised, they can move in to the next level of IGA solution: Access Policy Management. In this phase, the organisation can start defining the **Segregation of Duties (SoD)** rules, **Birth-right access rules** (for joiners), **Transfer/Promotion rules** (for movers) and **termination rules** (for leavers). This helps organisations to start manage the user accesses in more structured process with proper security controls.

## Phase-4: User Provisioning & Access Request

In this phase, Organisation can start planning & implementing automatic user provisioning on target systems. With this, the IGA solution can **automatically provision and/or de-provision application access** (accounts and/or entitlements) on to various target applications.

## Phase-5: Role Based Access Control

By the time this phase is reached, the organisation has a set of very mature processes to **manage the user access** and is able to **define roles to manage these user accesses**. Also, system like ILANTUS XAG helps organisation to mine roles that can used for **Role Based access control (RBAC)**.

## Conclusion

Experience of **ILANTUS in the last 16 years** of working with **hundreds of customer in US, Europe and other geographies** has shown that the customer organisations tend to **benefit from phase-wise approach** discussed above. Because of rapid success, management approval for continued **funding becomes quicker and easy**. Support from all parts of the organisation for implementing Identity Governance & Administration solutions is more likely to be overwhelming than any other approach. Funding gets split into phases that draws equally good responses from Senior Management.

## About ILANTUS

**ILANTUS Technologies** specialises in the Identity, Governance and Access domain with a unique focus in **implementation and Managed Services**. Our One-Stop Shop approach helps organisations like yours, **reduce operational costs** and direct the focus to the business at hand. Gartner's calls us a "**Next Generation System Integrator**" for Identity Management, ILANTUS is now been positioned for **2 consecutive years** (2015, 2016) in the **niche vendor segment** of **Gartner's Identity and Access Management as a Service (IDaaS) Magic Quadrant**.



Xpress Password is the next generation password management and password synchronisation tool that provides users reduced sign on experience along with advanced password self-service capabilities from any device, anytime and anywhere.



Xpress Sign-On is a next generation Single Sign-On solution that provides users with seamless and secured access to any thick and web based on-premise or cloud application from any device, anytime and anywhere.



Xpress Access is User Administration and Provisioning tool that helps enterprises automate user identity lifecycle management processes such as provisioning, access management, password management, de-provisioning across heterogeneous applications.



Xpress Governance is an access governance tool that helps enterprises to address business challenges, such as continuous compliance, user access certification and consistent access monitoring across heterogeneous applications.

## DISCLAIMER

This document is the exclusive property of ILANTUS Technologies Pvt. Ltd. All Rights reserved.