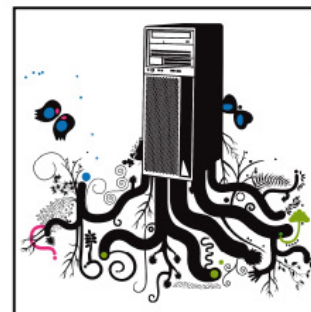
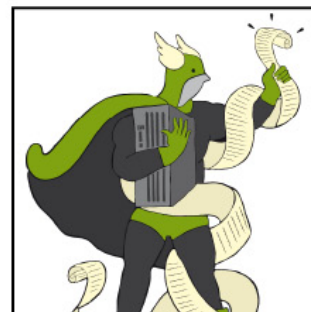
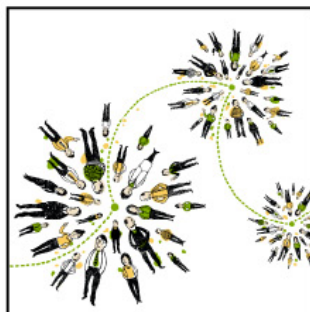
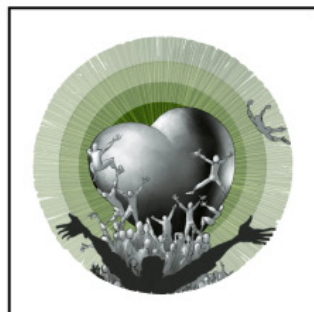


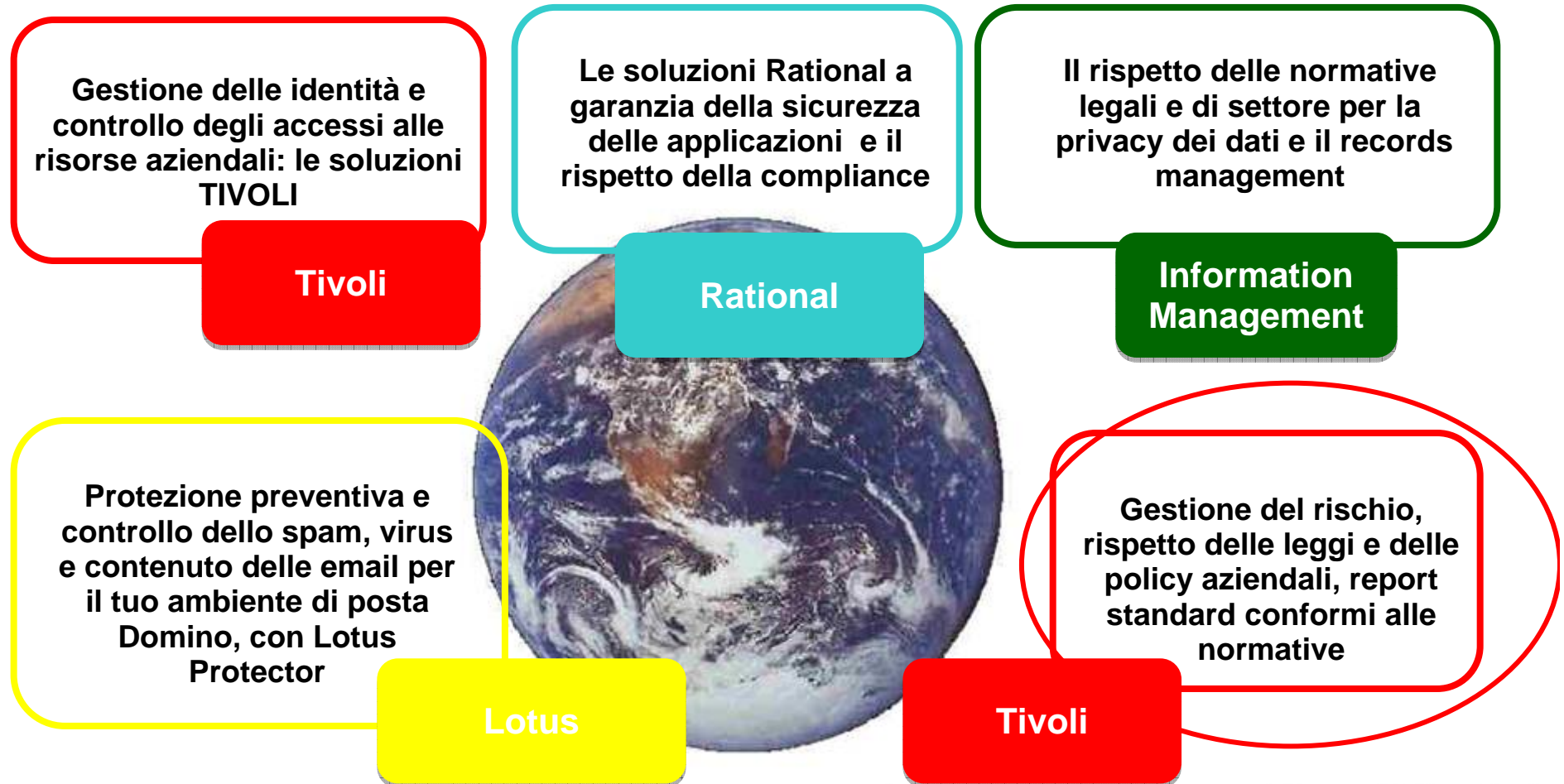


**IBM SOFTWARELAND 2009.
SOLUZIONI INTELLIGENTI
PER PROSPETTIVE
CHE CAMBIANO.**



Fabrizio Patriarca
Soluzioni Tivoli di Identity e Access Management

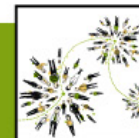
Compliance and Security secondo IBM



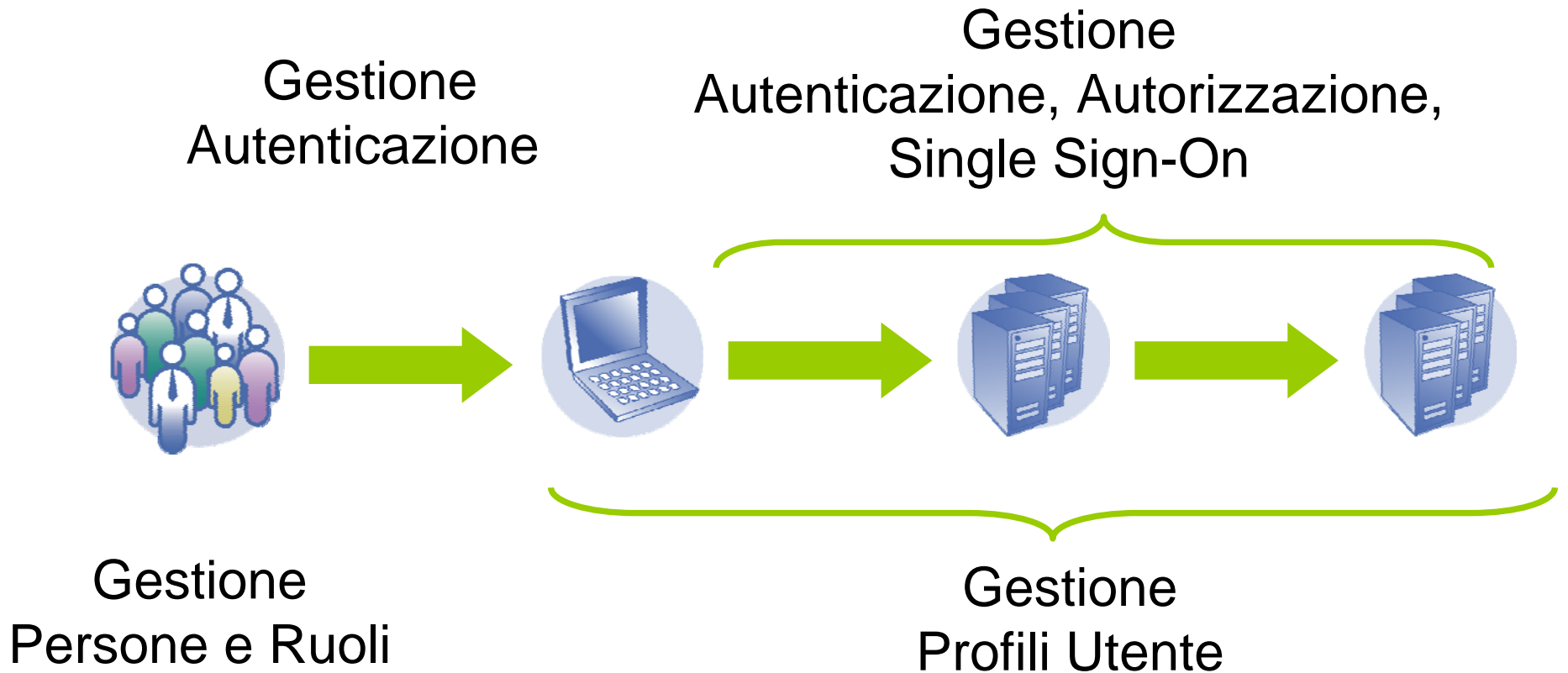
Cosa è l'Identity & Access Management?



...è l'insieme dei processi necessari a gestire il tipico scenario in cui una **persona** chiede di **accedere** ad una **risorsa**



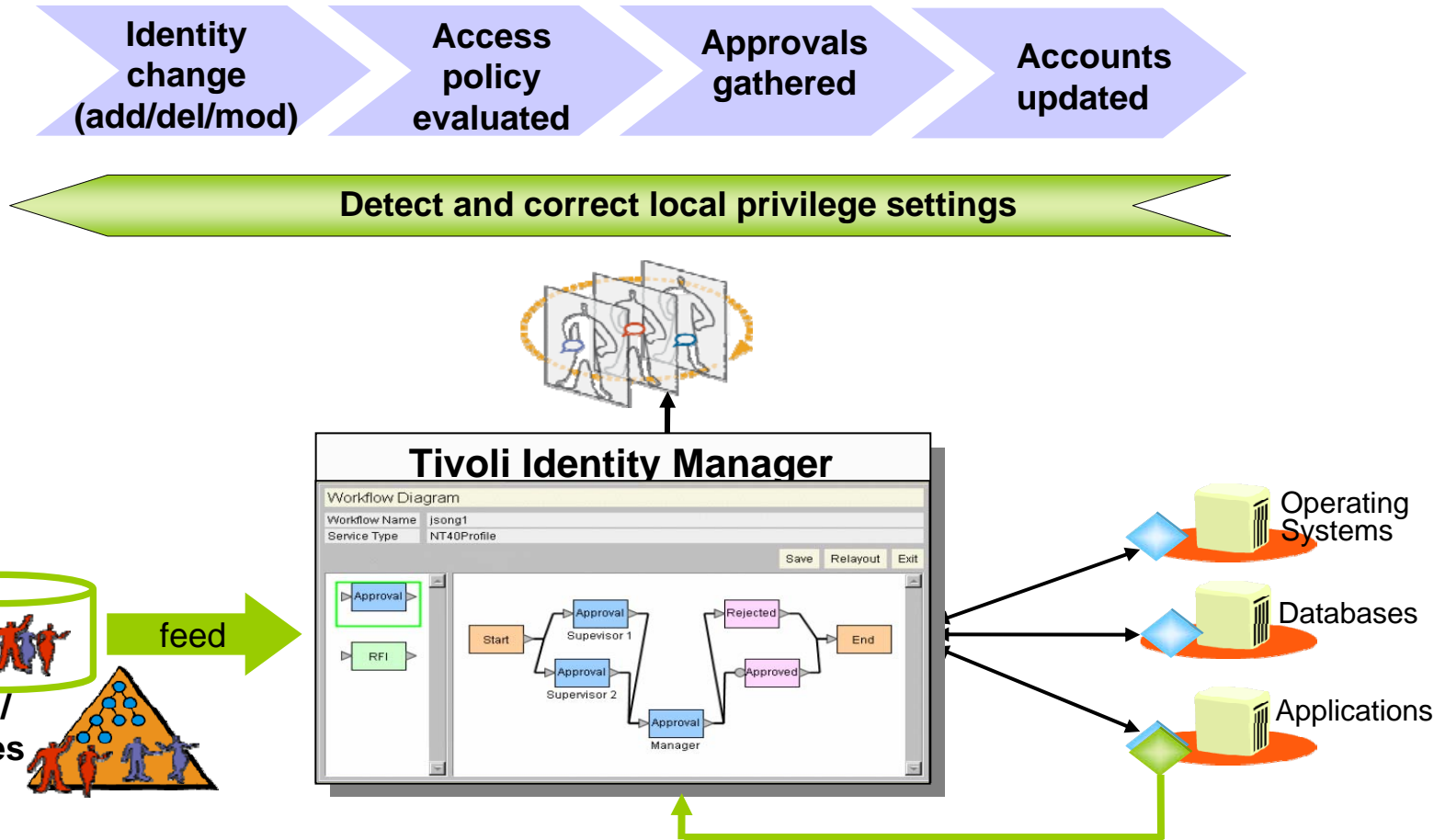
Access Management



Identity Management

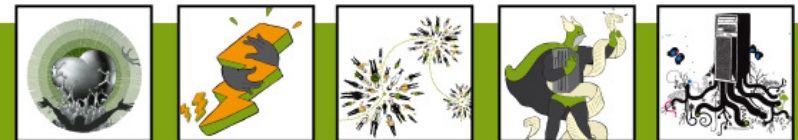
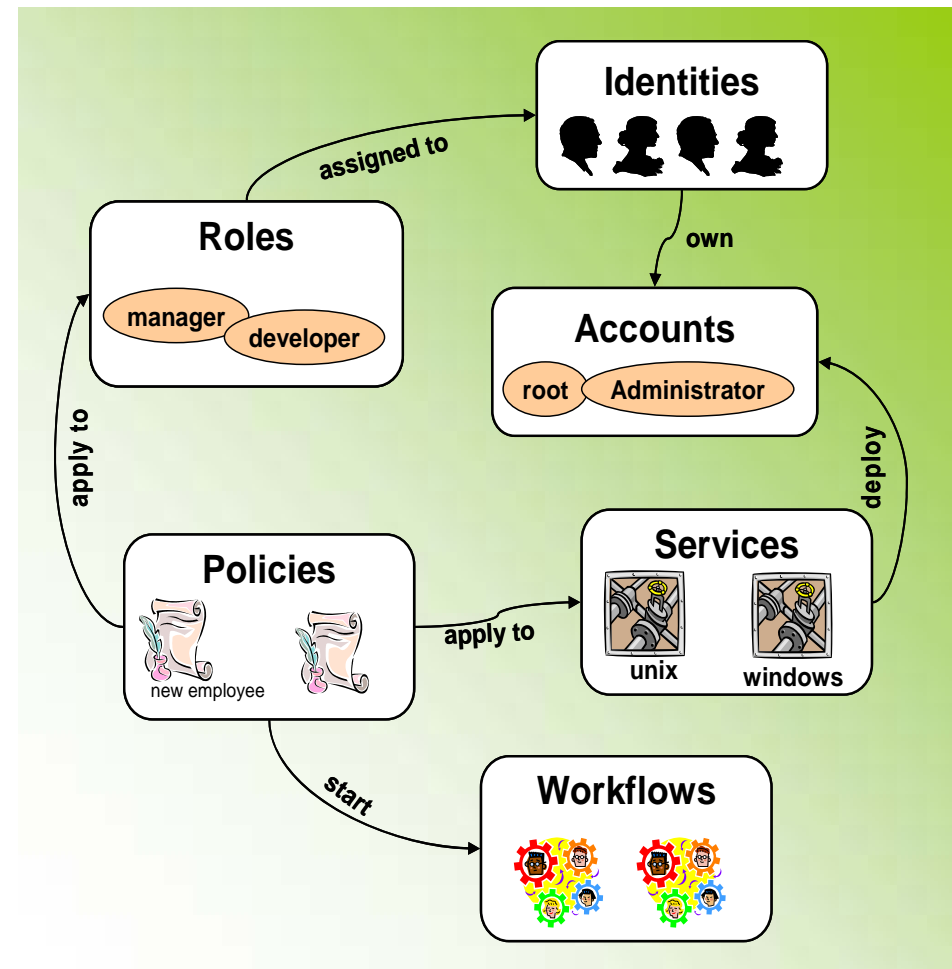


Processo di Identity Management



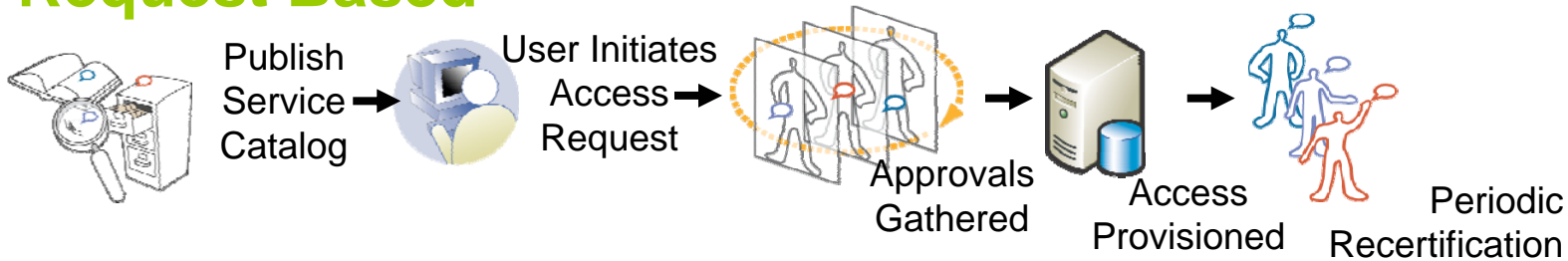
RBAC & Policy-based user provisioning

- Le **Organizzazioni** rappresentano la gerarchia degli utenti (Org, Org Unit, Location, BP Unit)
- I **Ruoli** organizzativi definiscono raggruppamenti di utenti e sono necessari per l'accesso alle risorse gestite
- Un **Servizio** viene creato per rappresentare un target gestito
- Le **Provisioning Policy** definiscono i criteri di accesso alle risorse gestite e sono basate sui Ruoli Organizzativi
- I **Workflow** permettono di definire il flusso delle operazioni. Per esempio il rifiuto o l'approvazione delle richieste di provisioning

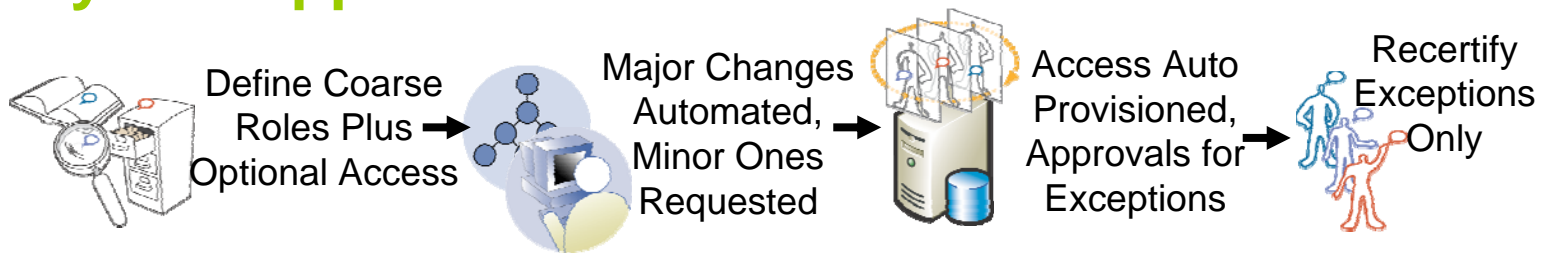


Role Based vs Request Based

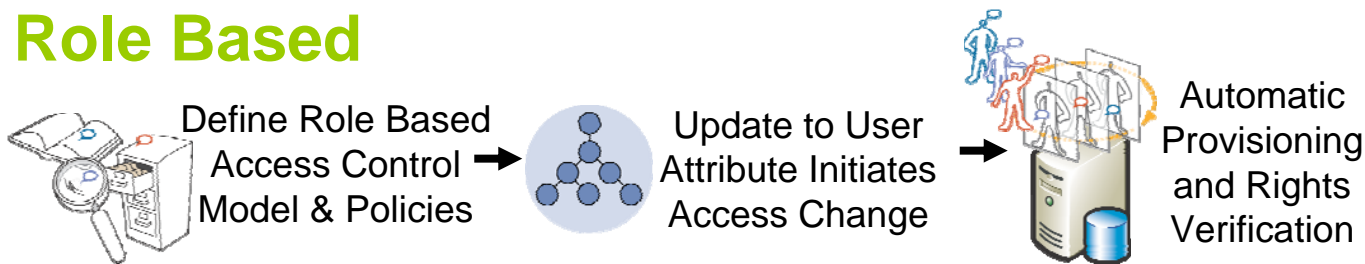
Request Based



Hybrid Approach



Role Based



Investments

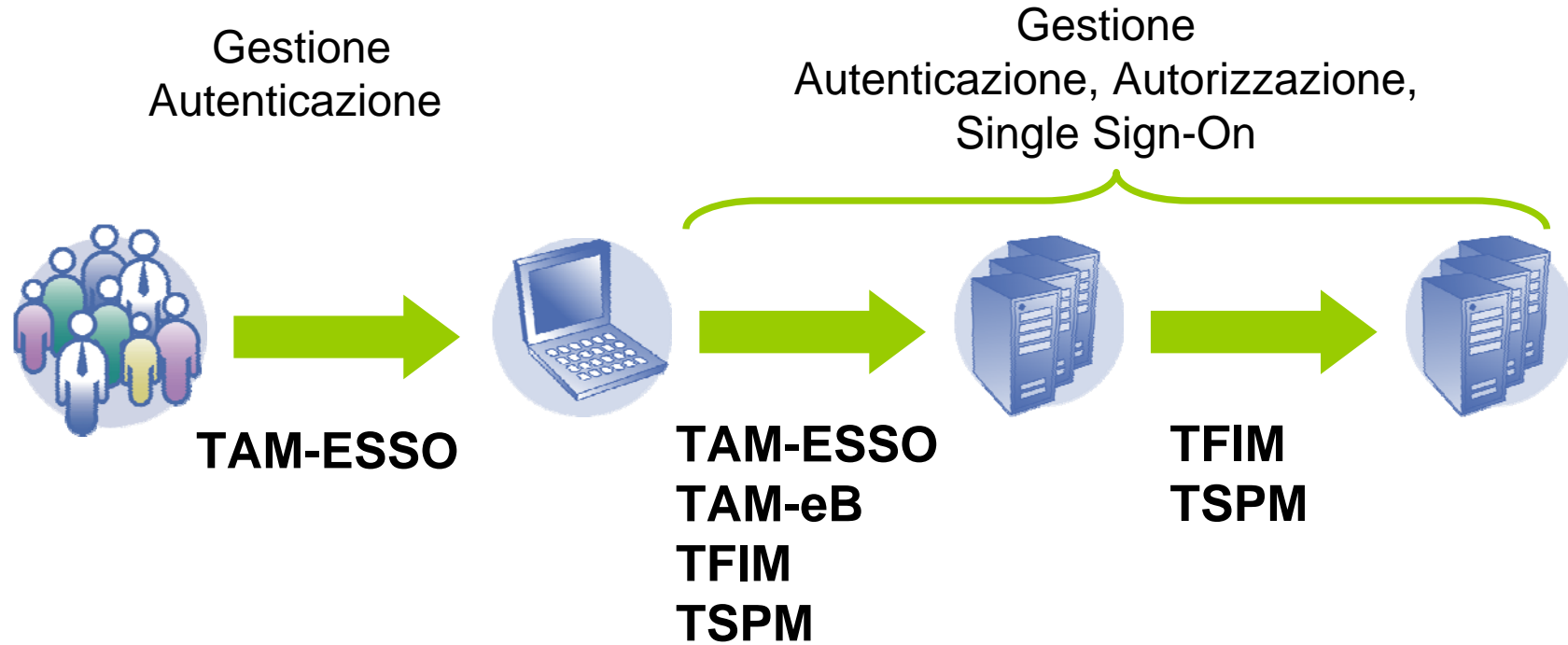
Ongoing Operational Labor

Automation

One Time Policy Design



Processo di Access Management



TAM-ESSO
TAM-eB
TFIM
TSPM

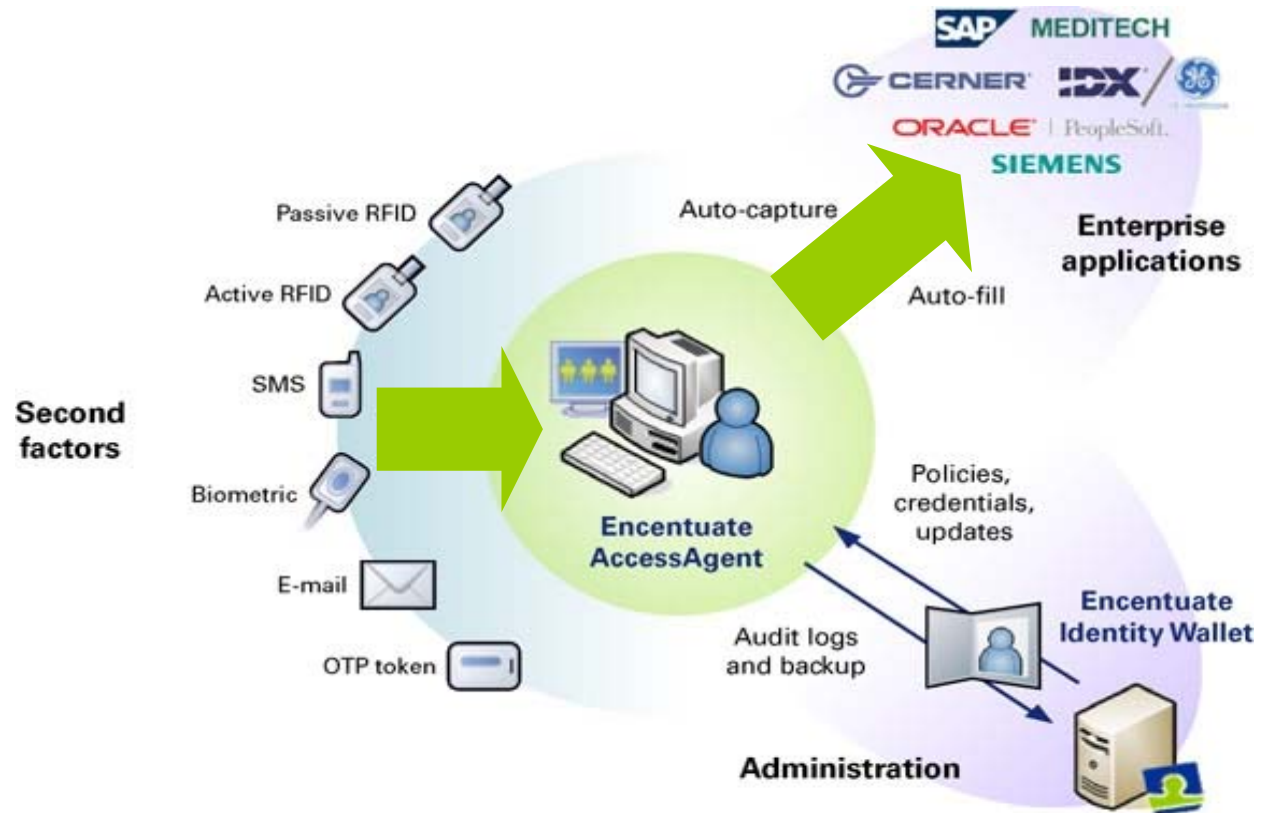
Tivoli Access Manager for Enterprise Single Sign-On
 Tivoli Access Manager for e-Business
 Tivoli Federated Identity Manager
 Tivoli Security Policy Manager



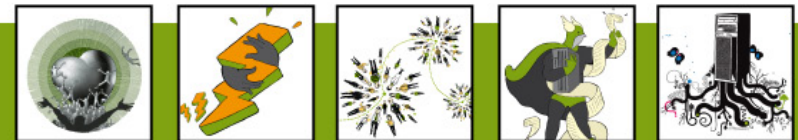
TAM-ESSO



- **E-SSO**, Automazione dei Workflow e Gestione dei Contesti
- Autenticazione **Two-Factor**
- **Login Rapido** ad ogni tipologia di applicazione
- **Gestione centralizzata** di Identity, Policy e Audit
- **Nessuna modifica** richiesta
- Supporto alla **Compliance**



TAM-ESSO Server

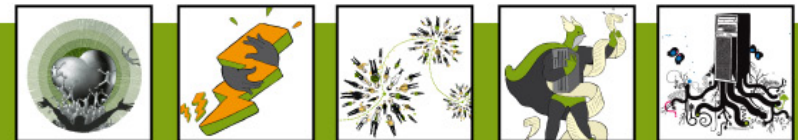
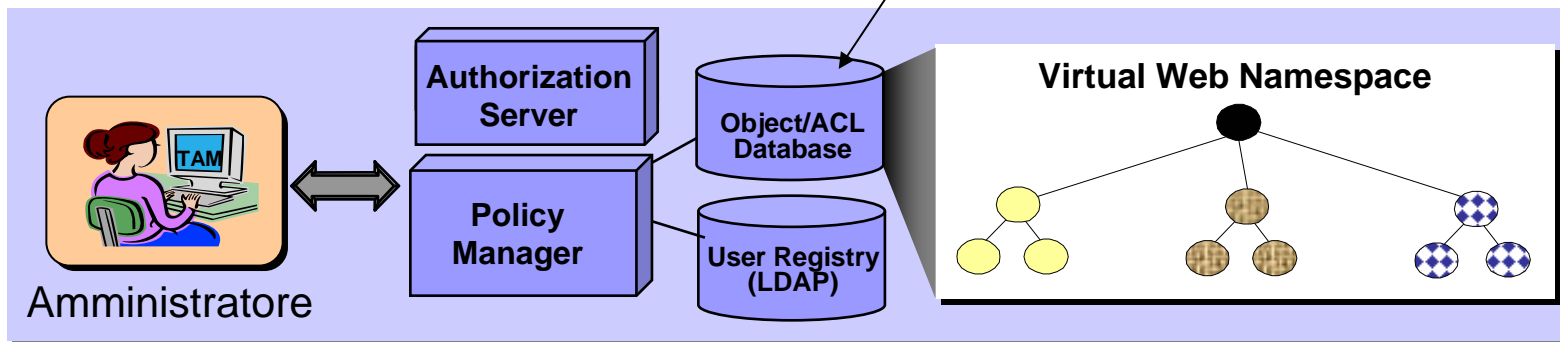
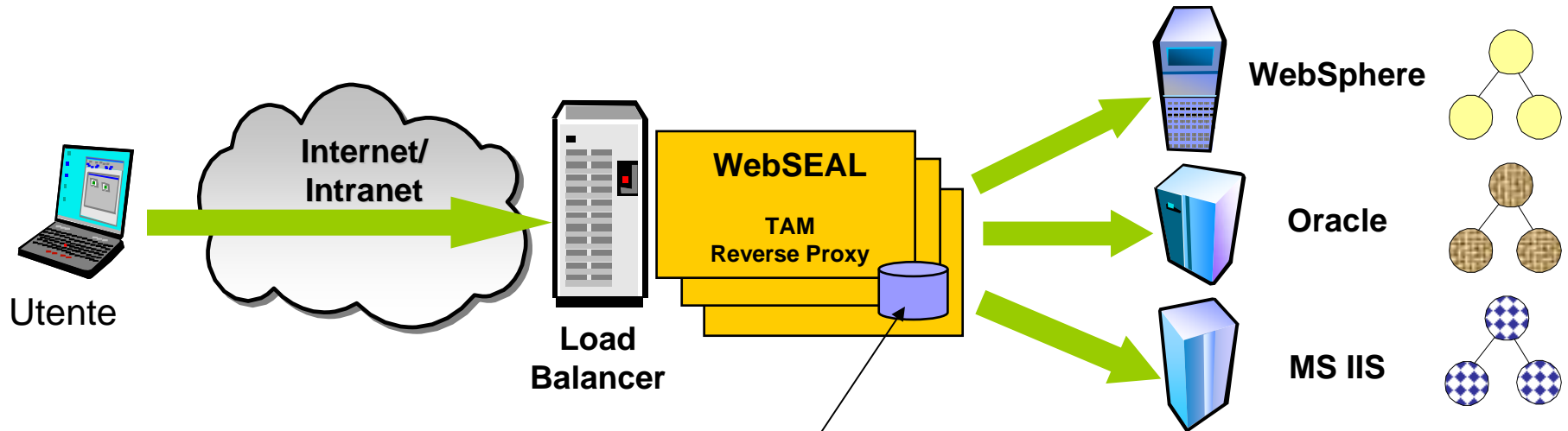


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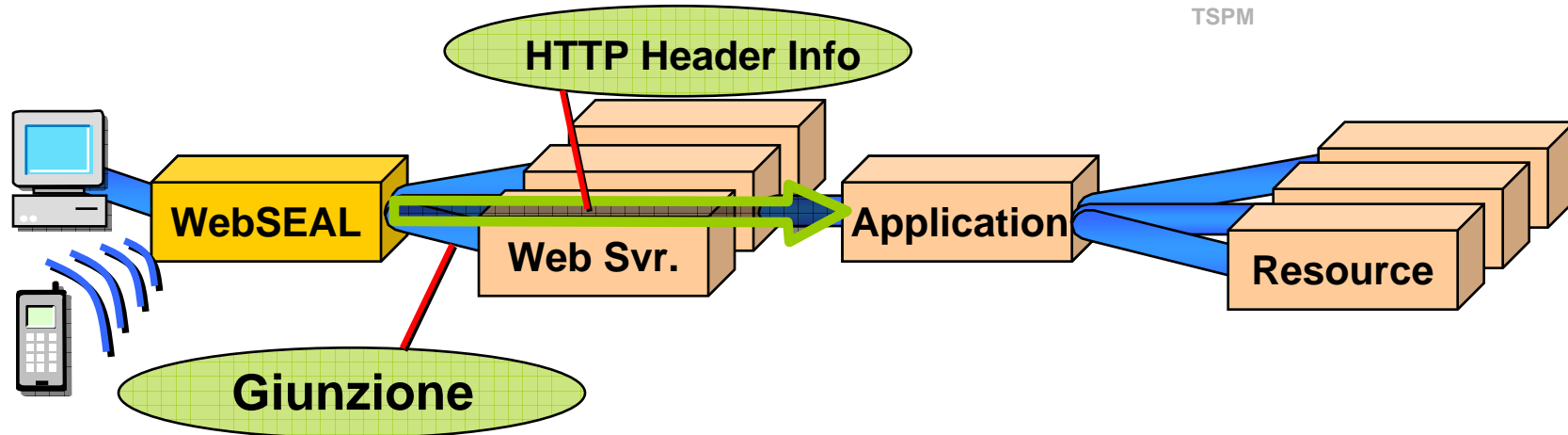
Tivoli software



TAM-eB



TAM-eB: giunzioni



A livello di giunzione viene definito cosa inviare al sistema da integrare, tra cui:

- Niente
- Credenziali pre-registrate (Lock Box)
- User & group information (iv_user, iv_groups)
- EPAC ("Dossier" – iv_creds)
- LTPA token
- Informazioni aggiuntive (es. credit limit, codice fiscale, indirizzo e-mail, etc.)
- Token aggiuntivi mediante l'utilizzo dei servizi offerti da TFIM



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Tivoli software



TFIM



Integrated Solutions Console

View: No group filter

- Welcome
- Console Settings
- Tivoli Federated Identity Manager
 - Getting Started
 - Configure Federated Single Sign-on
 - Configure Web Services Security
 - Configure Trust Service
- Key Management
- Domain Management
 - Runtime Node Management
 - Alias Service Settings
 - Auditing

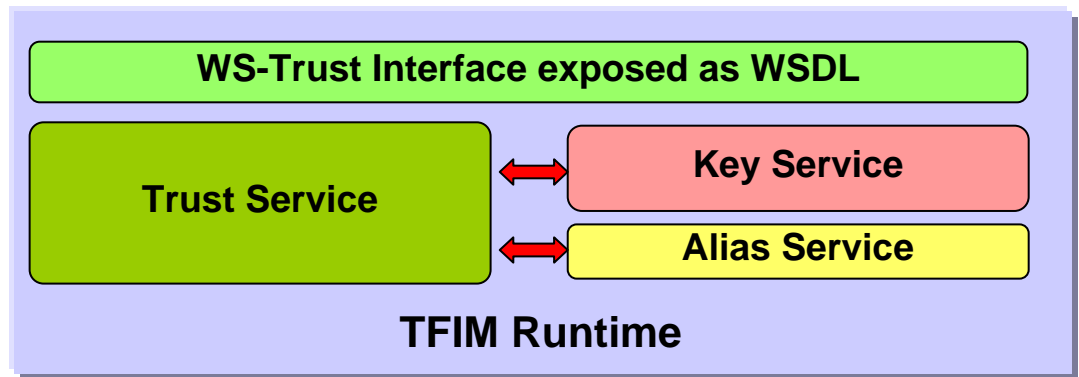
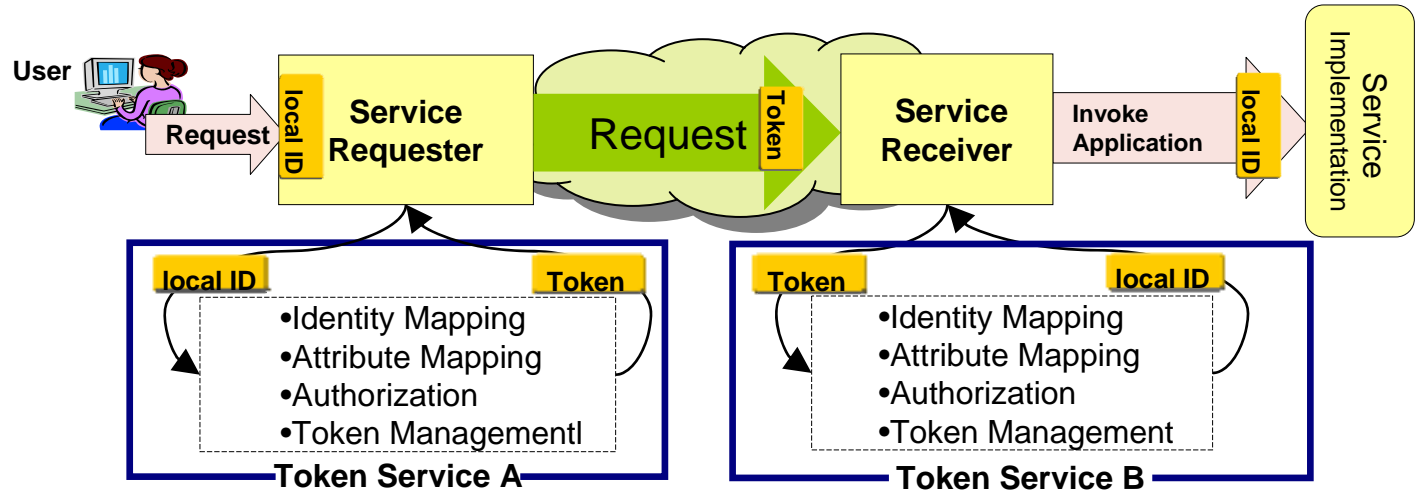
Web Services Security Partners

Security Token

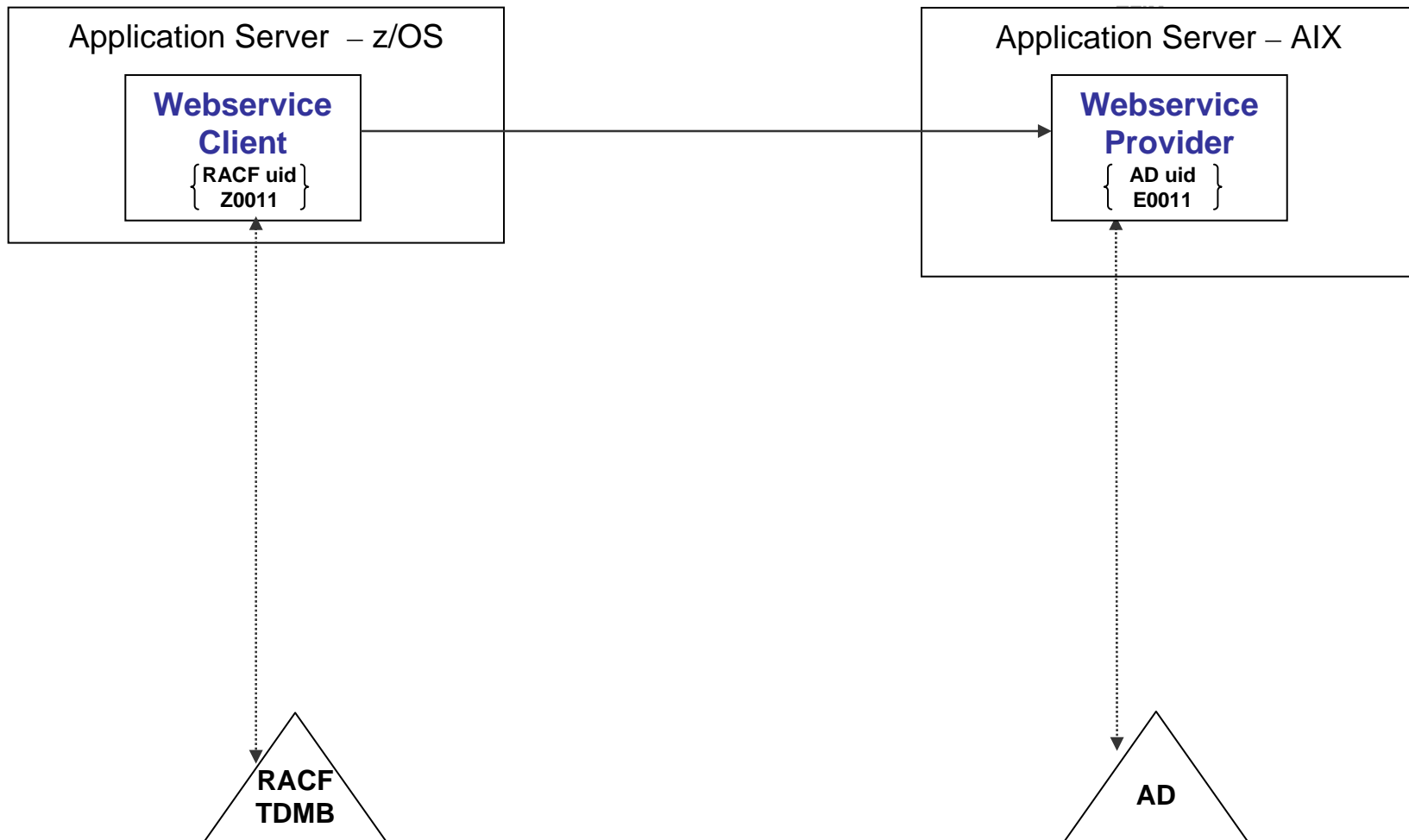
Select a token instance for the federated token or create a new one.

Select	Name	Type	Description
<input type="checkbox"/>	Liberty Token 1	Liberty	An instance of the Liberty Module
<input type="checkbox"/>	IvCred Instance	IvCred	An instance of the Iv cred module
<input type="checkbox"/>	SAML 1.0 Token	SAML10	
<input checked="" type="checkbox"/>	SAML 1.1 Token	SAML11	
<input type="checkbox"/>	Amy SAML 1.1 Token	SAML11	
<input type="checkbox"/>	token1	Liberty	
<input type="checkbox"/>	tt	Liberty	

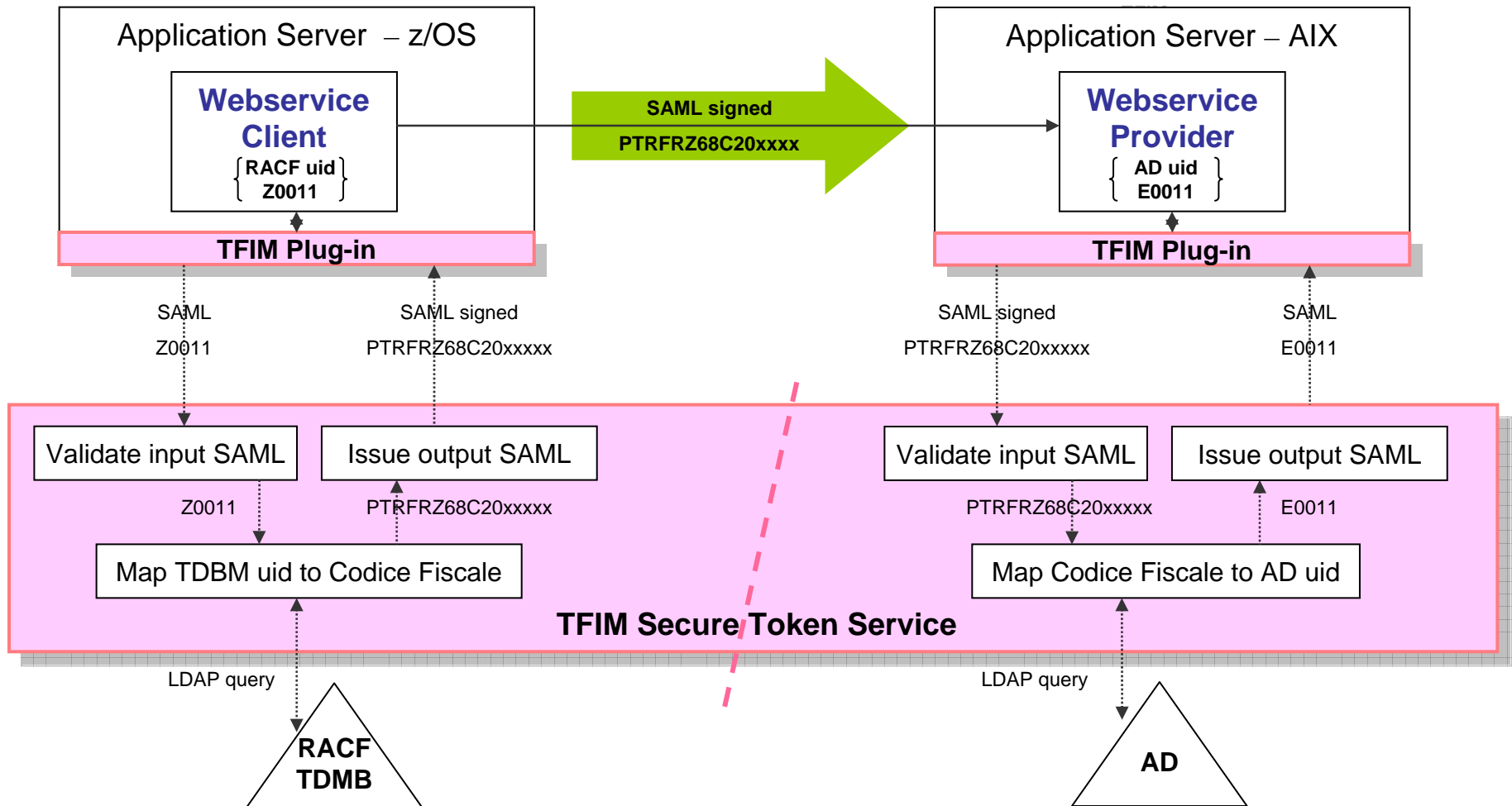
Page 1 of 1 Total: 7 Filtered: 7 Displayed: 7 Selected: 1



TFIM: un caso reale



TFIM: un caso reale



TSPM

Gestione Unificata delle Security Policy

- **Autorizzazione** a livello applicativo
- **SOA security** (message security)

Run-time security service

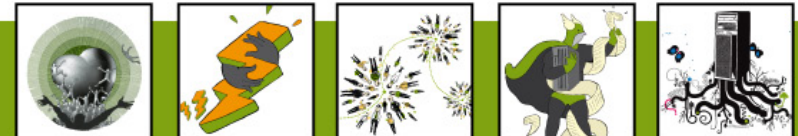
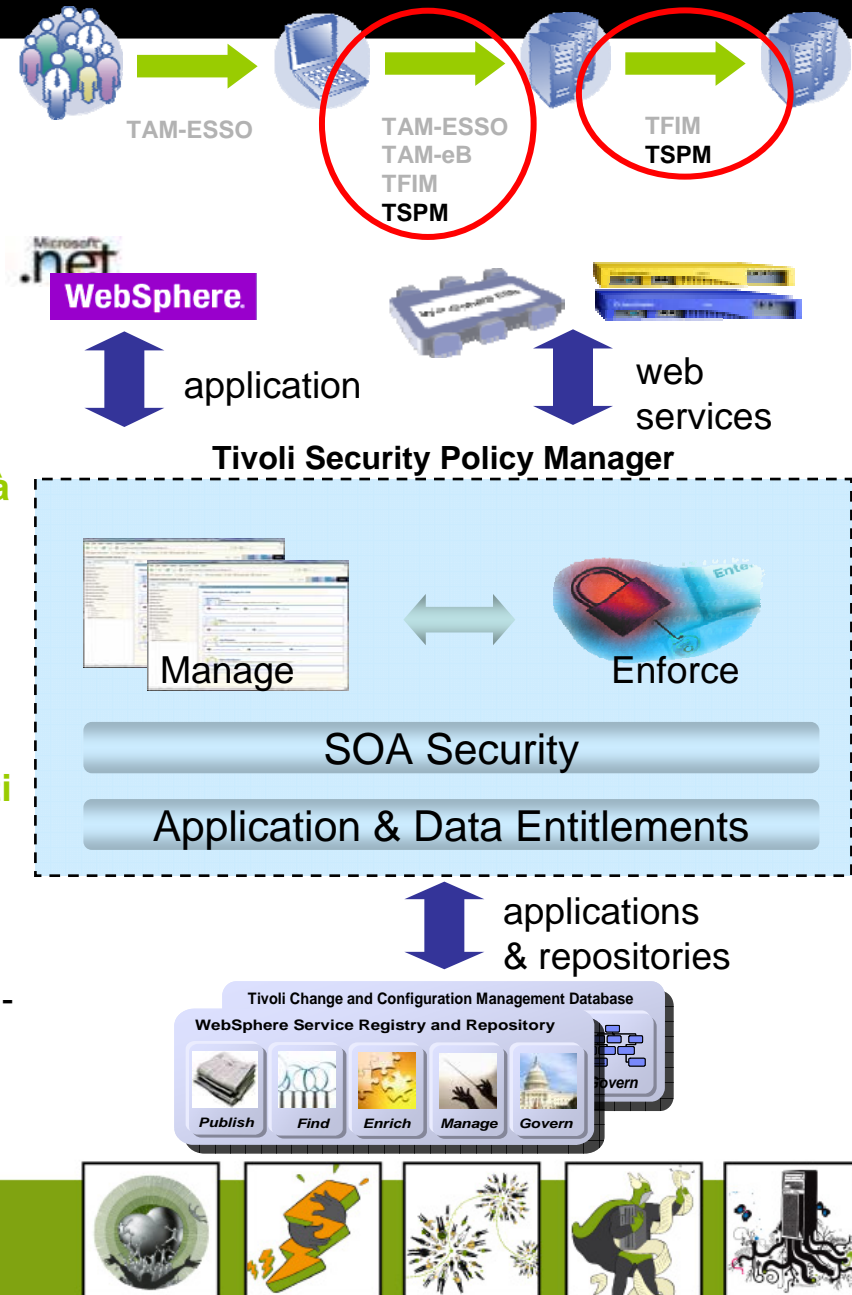
- Realizzato con obiettivi di **performance e disponibilità**

Funzionalità avanzate per

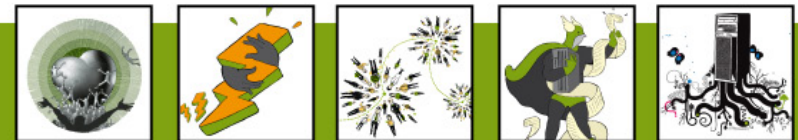
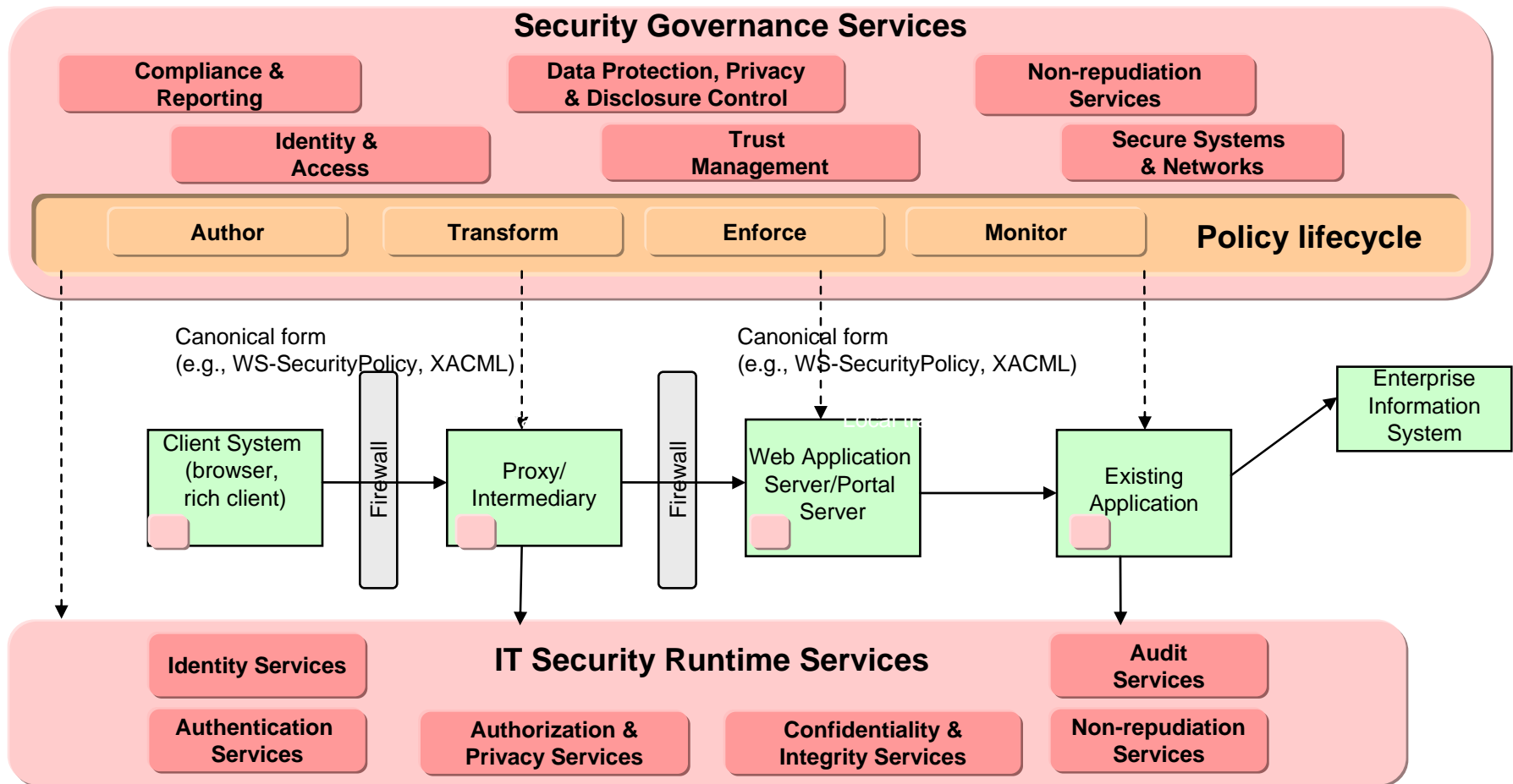
- **Discovery** ed import dai registry
- **Classificazione** dei meta-dati
- Import dei ruoli applicativi dai **registri utente esistenti**
- **Ciclo di vita** delle policy:
- Controllo con servizi **runtime centralizzati o distribuiti**
- Monitor, Audit, Report, Delega, Controllo dei Change e Versioning sulle Policy

Enable standards-based interoperability

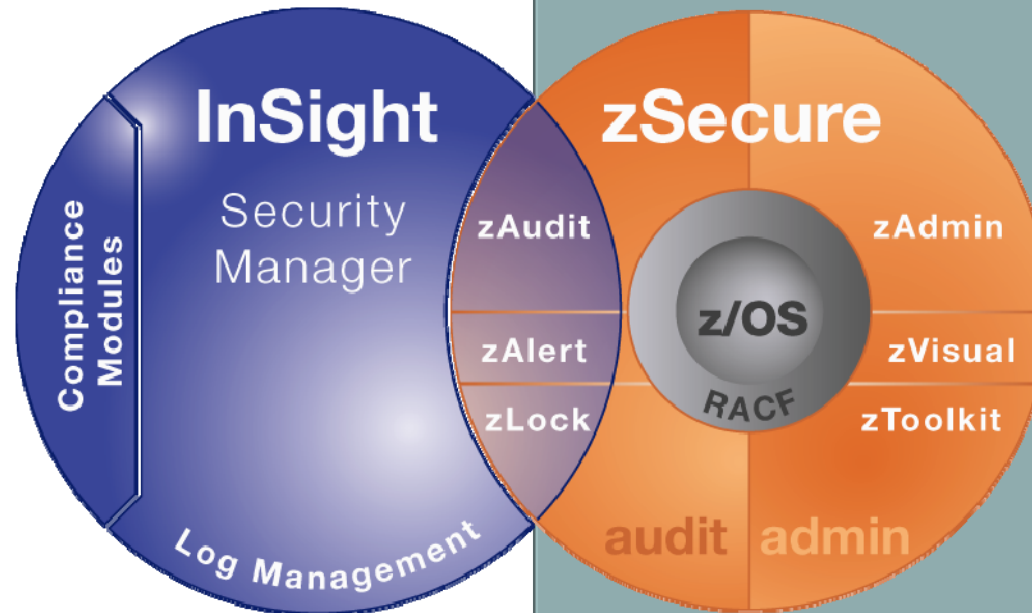
- XACML, WS-Trust, WS-Policy, WS-SecurityPolicy, WS-MetaDataExchange, WS-Transfer, etc.



Modello di Riferimento per la SOA Security

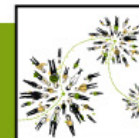


Tivoli Compliance Insight Manager & zSecure



Comprehensive, distributed log management, access monitoring and compliance reporting

Integrated mainframe audit, monitoring, compliance and administration



grazie, domande?

