Pulsen Maturity Model Security

	Initial	Developing	Defined	Managed	Optimized
Identity Governance and Administration (GA)	**AD HOC** Manual processes on demand	**IT DRIVEN** Life cycle management of internal users Provisioning of directory services (AD) Password Self Service Basic support for Access Governance	**GOVERNED** Life cycle management of external B2B users Self Service and workflows Delegated administration Simple role management with few business roles Scheduled review Information quality assurance	**BUSINESS DRIVEN** Life cycle management of B2C Life cycle management and processes of Analytics IoT Risk based review Automatic fullfilment of reviews and Self Service	**INNOVATION DRIVEN** Holistic identity model Comprehensive solution for identity in the cloud Role management with business roles, supported by business policies Event driven adaptive governance Reviews of permission authorizations
Access Management	**BASIC** Username and password in local repositories	**CONNECTED** Password syncronization Simple federation	**CENTRALISED** Central source for authentication Multi factor authorization Authentication using different methods Combined digital and physical access Advanced federation	**RISK DRIVEN** Risk based authentication Support for secure authentication of privileged users	**INTELLIGENCE DRIVEN** Adaptive authentication Support for hybrid scenarios Attribute and policy based authorization