
Future of Computing

Technologies that are changing the way computing is done

Ashwini Kumar Rath
Director and CEO, Batoi

/ BATOI.COM
/ ASHWINIRATH.COM

DATA

Volume, Velocity and Variety

Storage and Management
Procedures: RDBMS and
noSQL

ACCESS

Increasingly Mobile

Old Analytics Vs.
Pattern-based Strategy

ECONOMICS

Scale-up vs. Scale-out

Hesitation for CAPEX;
Preference - OPEX

CHALLENGES AND NEEDS

Cloud Adoption - Use Cases

DEPARTMENTAL APPLICATIONS

Office applications in SaaS model

EXTENSION TO LEGACY SYSTEMS

Legacy systems that require significant cost of migration

SHORT-TERM PROJECTS OR CAMPAIGNS

Projects or campaigns that need tools for automation, management and monitoring

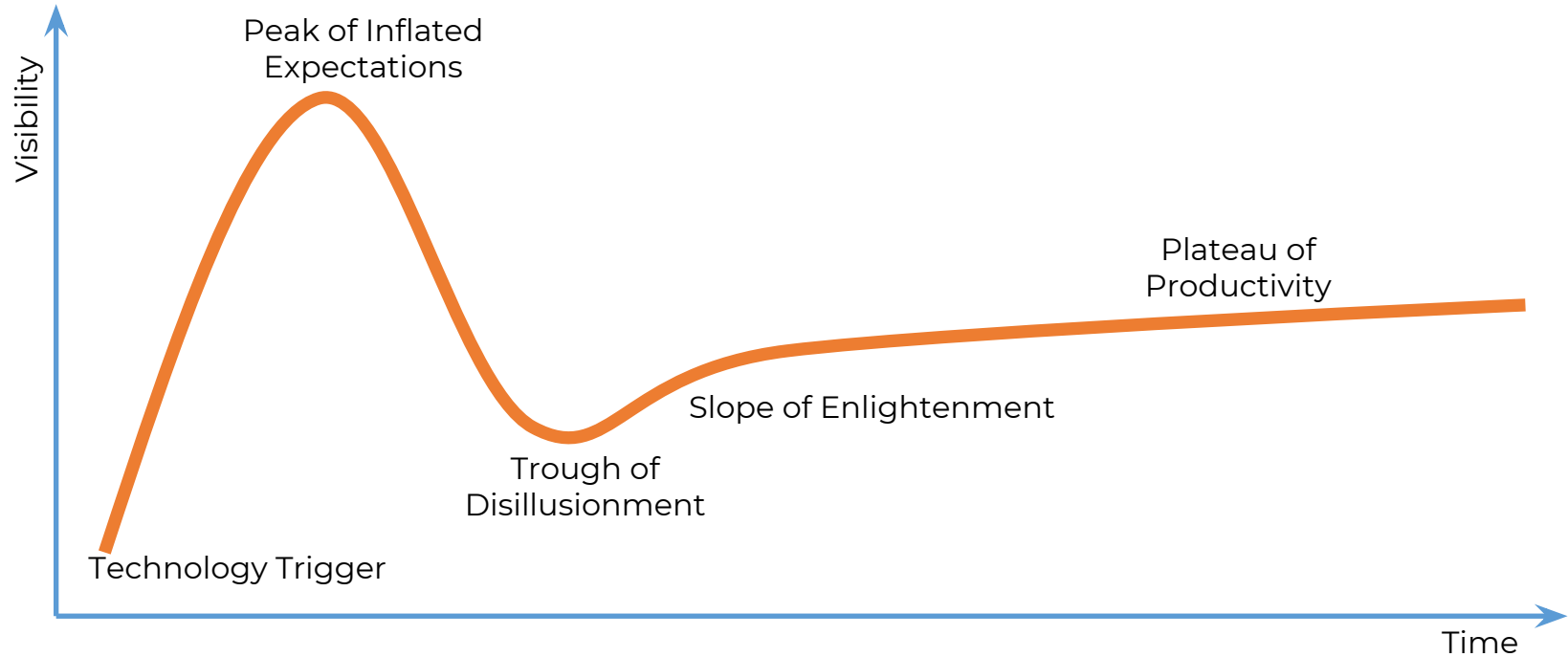
CONTENT DISTRIBUTION & SOCIAL NETWORKING

Content aggregation, e-commerce activities and business promotion

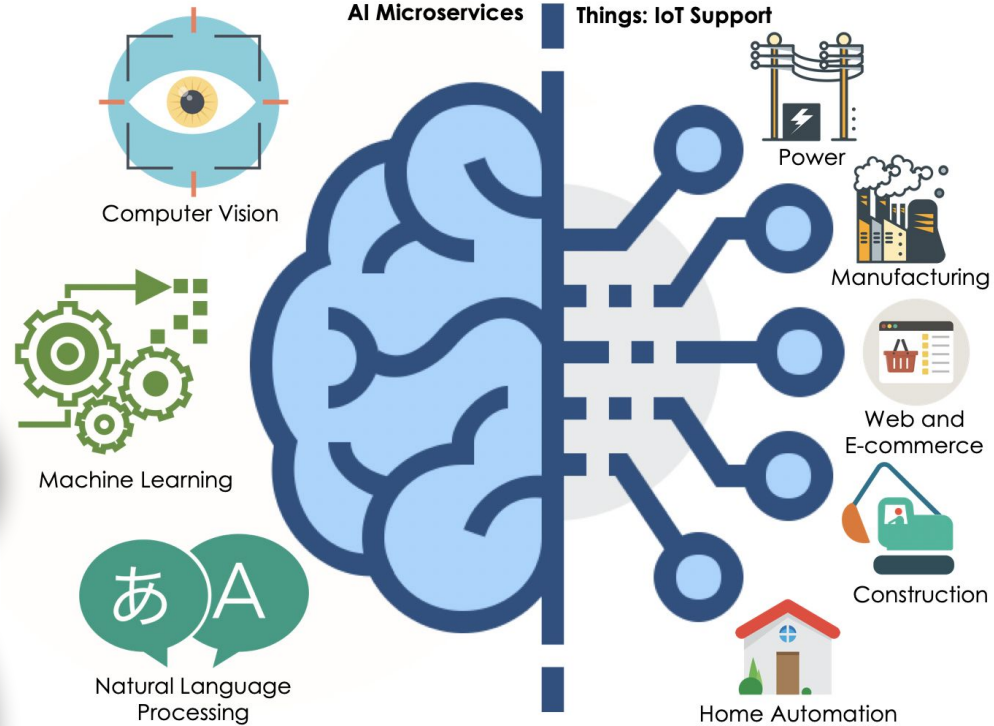
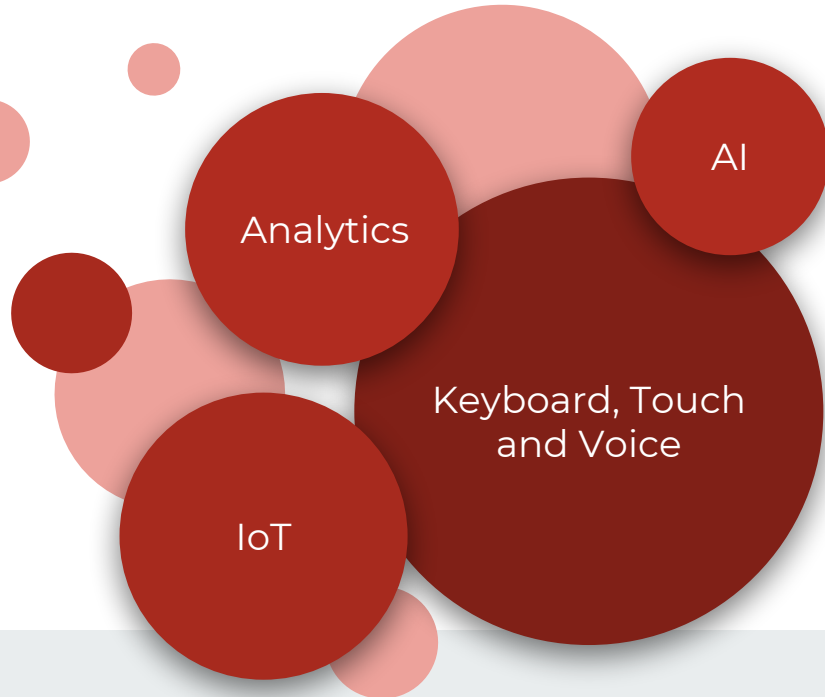
HIGH-PERFORMANCE AND GLOBE-SCALE SOFTWARE APPLICATIONS

SaaS applications that have capabilities to perform certain business operations and are extensible to hook up to other applications aligning with your business processes

The Famous Hype Cycle



Technologies and Cloud Computing



Enterprise

Consumer

Toolkits

Frameworks

Web 2.0

BUSINESS OPERATIONS

Data Retrieval and Updates,
Scaling and Resource
Management, Automatic
Discovery, Dependency
Management, SLA and
Payment, Partition and
Automatic Recovery

MICROSERVICES AND API

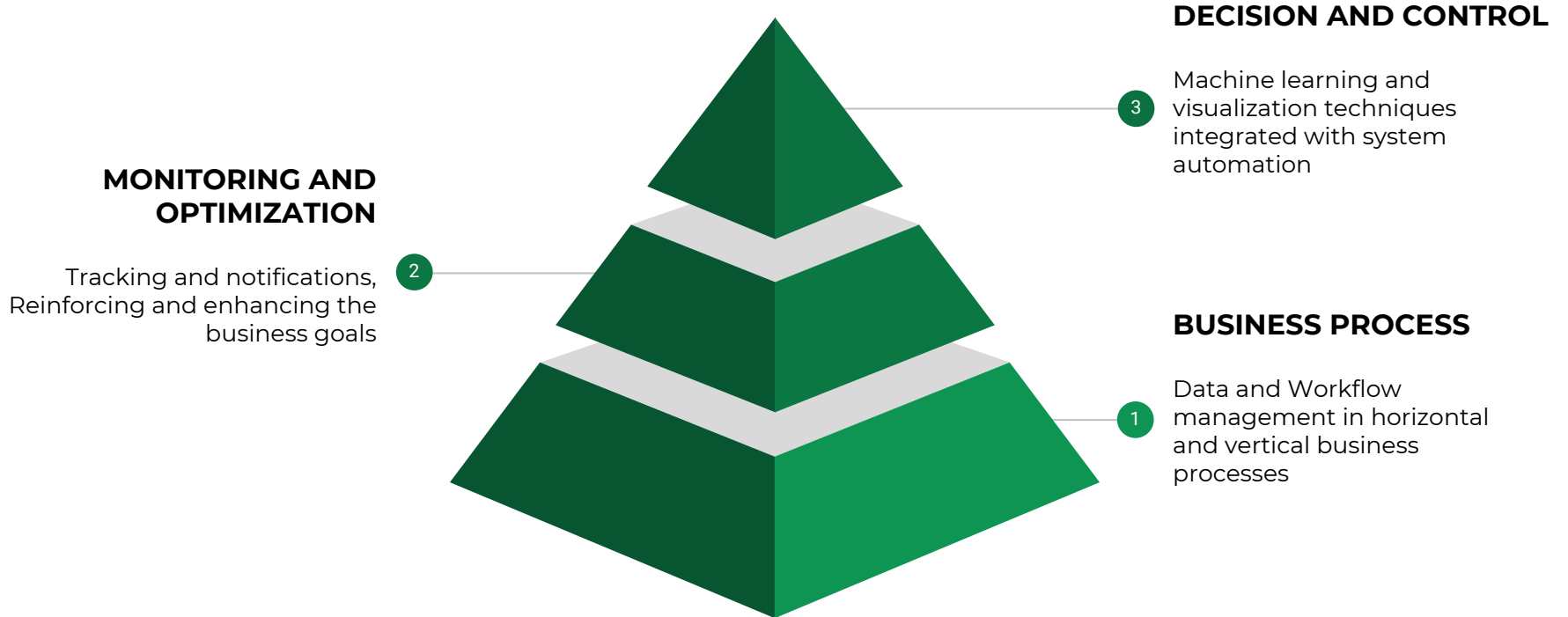
ReST, SOAP, XML-RPC
XML and JSON

ANATOMY OF A CLOUD APP

IAM AND SECURITY

SSO, OpenID, oAuth
RBAC Schemes, Audit Log,
Security in Storage and in Transit

Genesis of Software Applications in Business Environment



Thank You

<https://www.batoi.com>

<https://www.ashwinirath.com>

