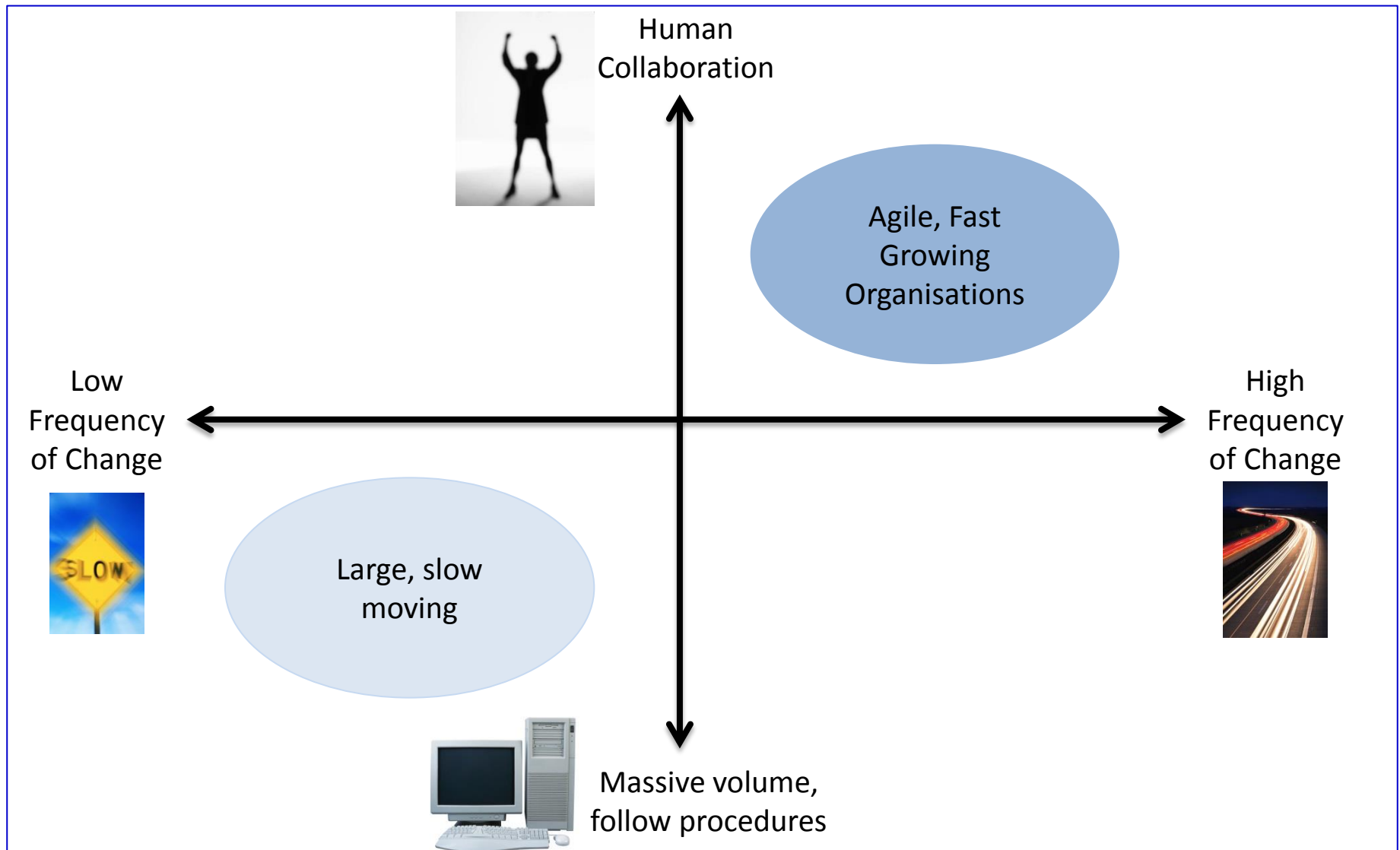# PNMsoft's Next Generation *HotChange*® Technology

# Sequence Kinetics™:
Intelligent, Mobile, Dynamic

- Intelligent Business Process Management Suite (iBPMS).

- Powered by PNMsoft's unique *HotChange*® technology.

- Rapid build and change of high availability workflows.

- Intensive human collaboration.

- Development lifecycle governance.

- Extends Microsoft platforms like SharePoint, Dynamics and Azure.

- Integrates with popular ERP/CRM products.

- Unparalleled mobile capabilities – write once run everywhere.

- Based on .NET, leverages existing development skills into BPM expertise.

- Answers business need for high frequency of process change AND IT need for a well-controlled process development environment.

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For companies competing with big players, Collaboration and Changing are key

Human Collaboration

Agile, Fast Growing Organisations

Low Frequency of Change

High Frequency of Change

Large, slow moving

Massive volume, follow procedures

Human Centric, High Frequency of Change = Sequence Kinetics™ Sweet Spot

Human-centric
Processes

Sequence Kinetics™
Sweet Spot

Low
Frequency
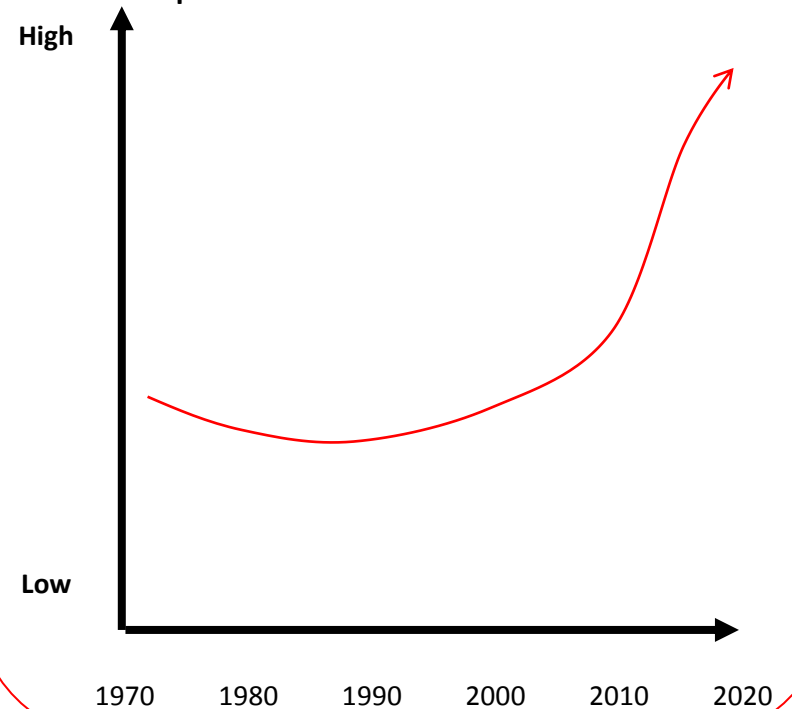of Change

High
Frequency
of Change

Machine-centric
Processes
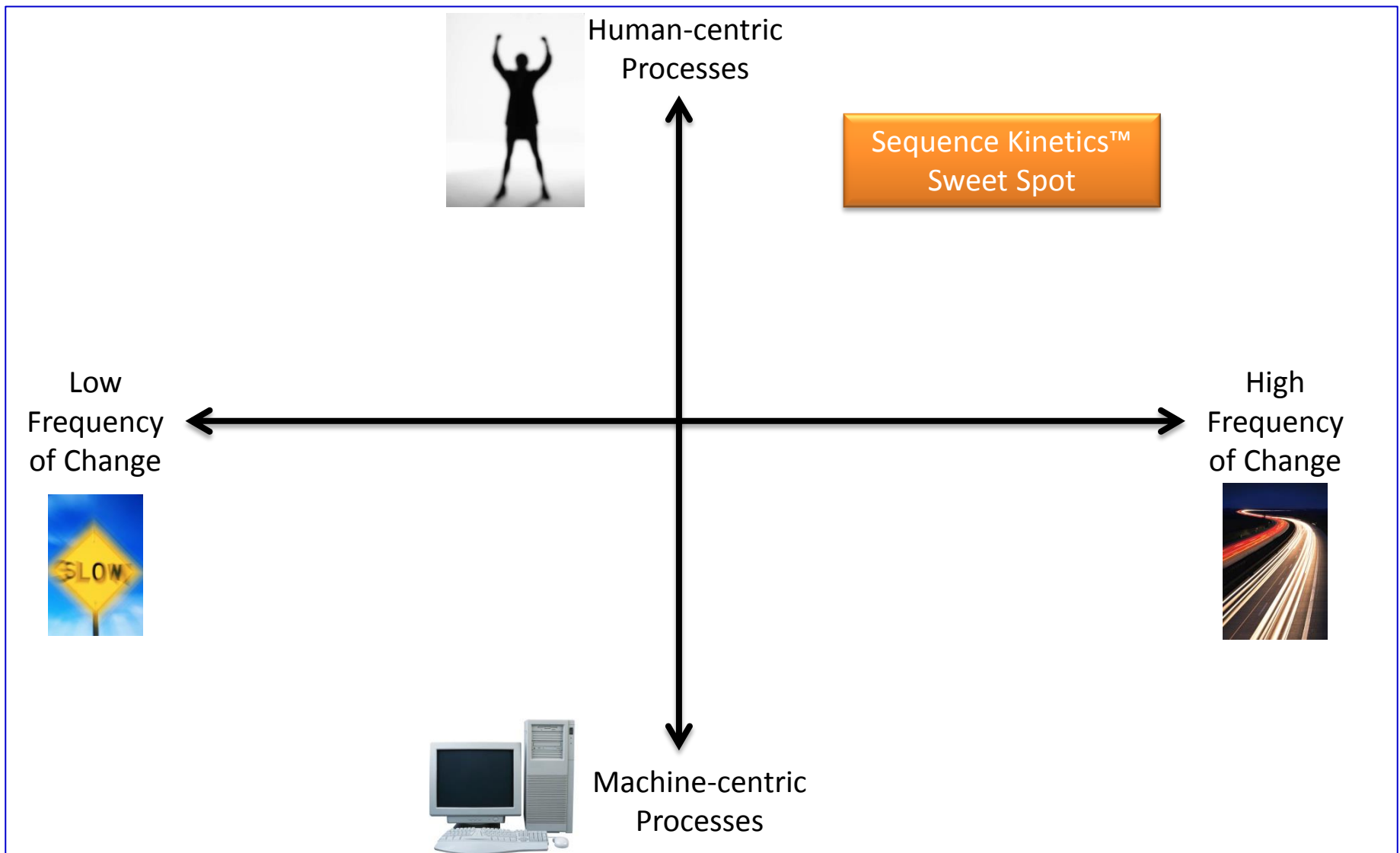
Trend of Required Frequency of Change vs. Trend of Required Level of Control

Frequency of Business Processes CHANGE required to compete

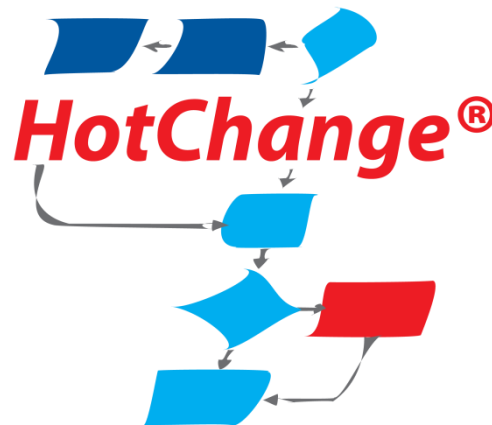High

Low

1970 1980 1990 2000 2010 2020
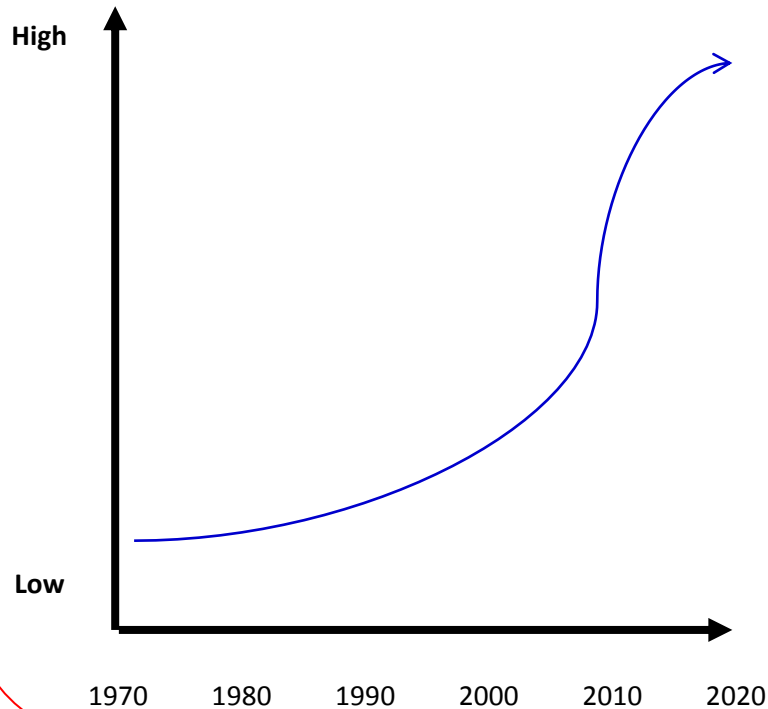
Level of Business Processes CONTROL required for regulation, compliance and operations

High

Low

1970 1980 1990 2000 2010 2020

PNMSOFT
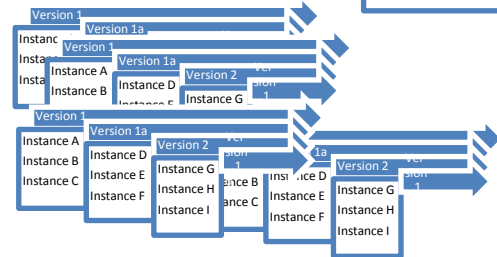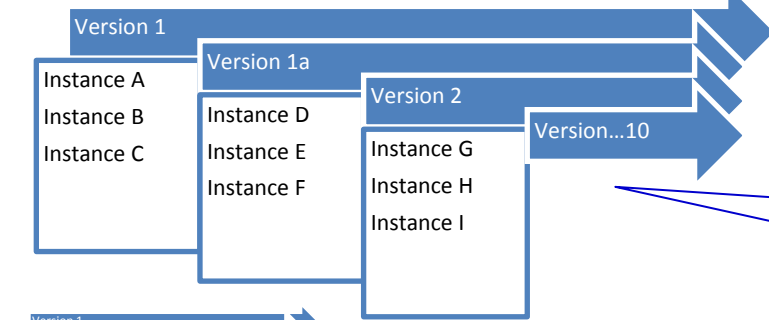*Business Processes in Motion™*

HotChange®: Next generation technology

HotChange® is a technology which permeates all levels of *Sequence Kinetics™* as a product. *HotChange*® means that organisations who have high frequency of change get the ability to modify, integrate and distribute their business processes in the fastest possible manner, without having to halt these processes as they continue to run in production, while maintaining control and application lifecycle management. *HotChange*® architecture is an inherent aspect of all of *Sequence Kinetics™* features, modules and platforms.
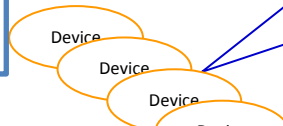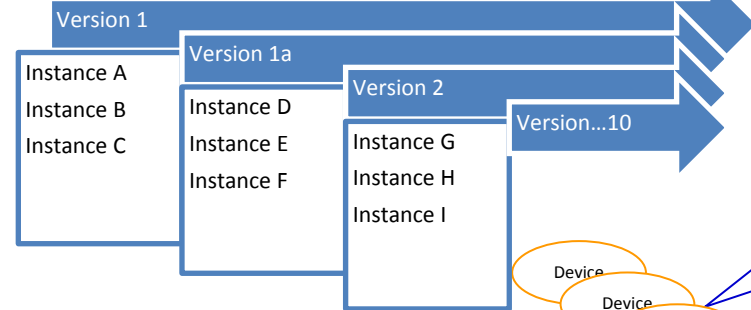
Multi Dimensional Changes = Performance/Management Challenges

Business Process 1

Version 1
Version 1a
Version 2
Version...10

Instance A
Instance B
Instance C

Instance D
Instance E
Instance F

Instance G
Instance H
Instance I

Let's assume only 10 changes a year in a long running instances application

Let's assume 100 different business processes

Business Process 100

Version 1
Version 1a
Version 2
Version...10

Instance A
Instance B
Instance C

Instance D
Instance E
Instance F

Instance G
Instance H
Instance I

Device
Device
Device
Device 4

Let's assume each Business Process should work on 4 different devices (PC, Tablet type1, 2 types of Smartphones)

Language
Language
Language
Language 5

Let's assume it should work in 5 languages

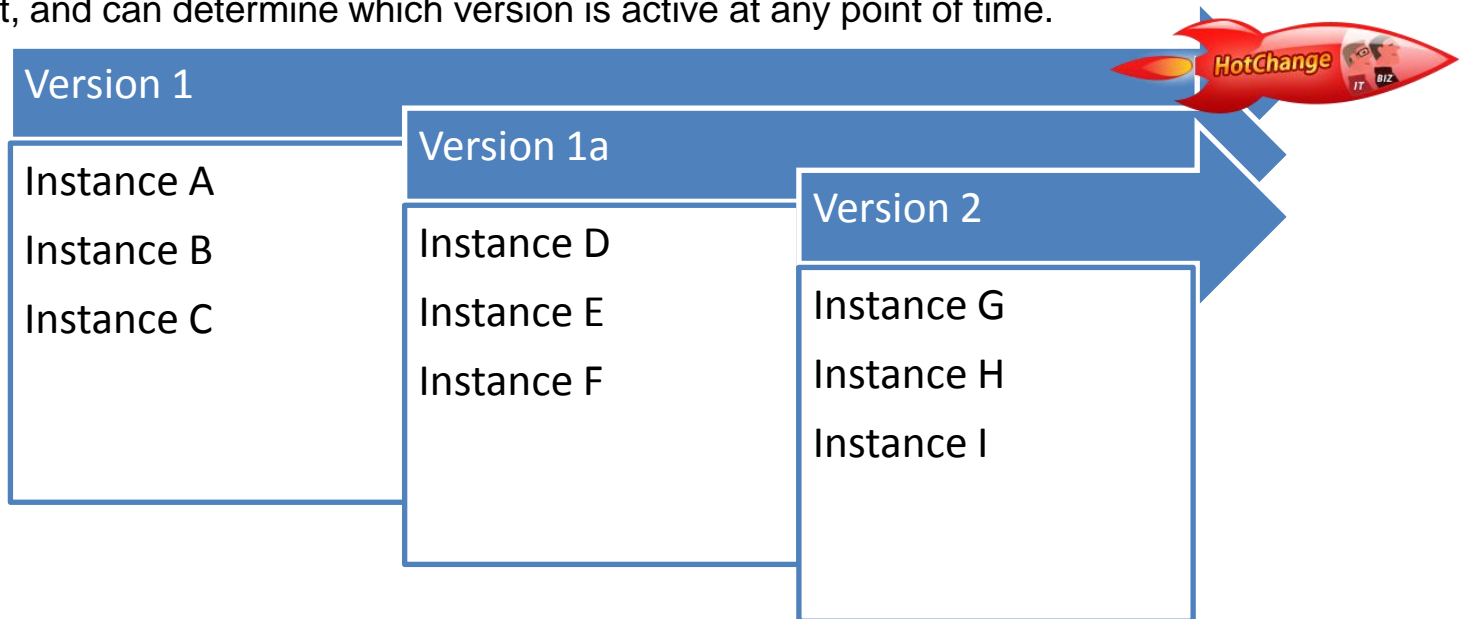| Number of Active Business Process Applications Required	
With *HotChange* ® Technology	Without *HotChange* ® Technology
1	10
100	10*100=1,000
100	1,000*4=4,000
100	4,000*5=**20,000**

HotChange®

HotChange® Features, Change AND Control
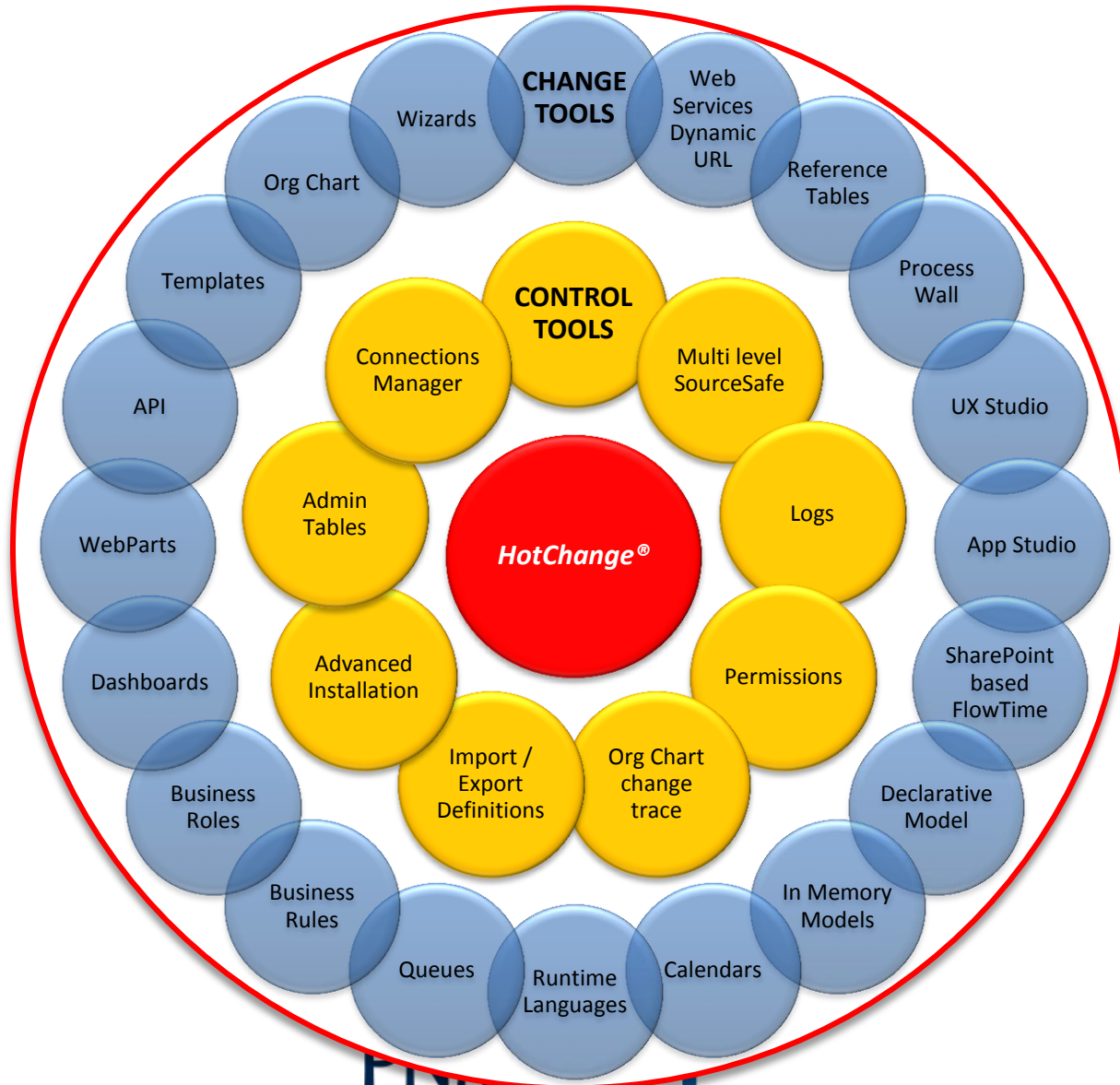
HotChange® Feature Example:
Version Control

Sequence Kinetics™ enables superior control over changes to processes and process version management, including:

➢ Modifications to processes that are in production. These modifications take effect immediately.

➢ The ability to swap production version with the latest development version of a process. Processes instances that are in production run according to the new version.

➢ Active version management: developers can manage multiple versions of a process in any given environment, and can determine which version is active at any point of time.
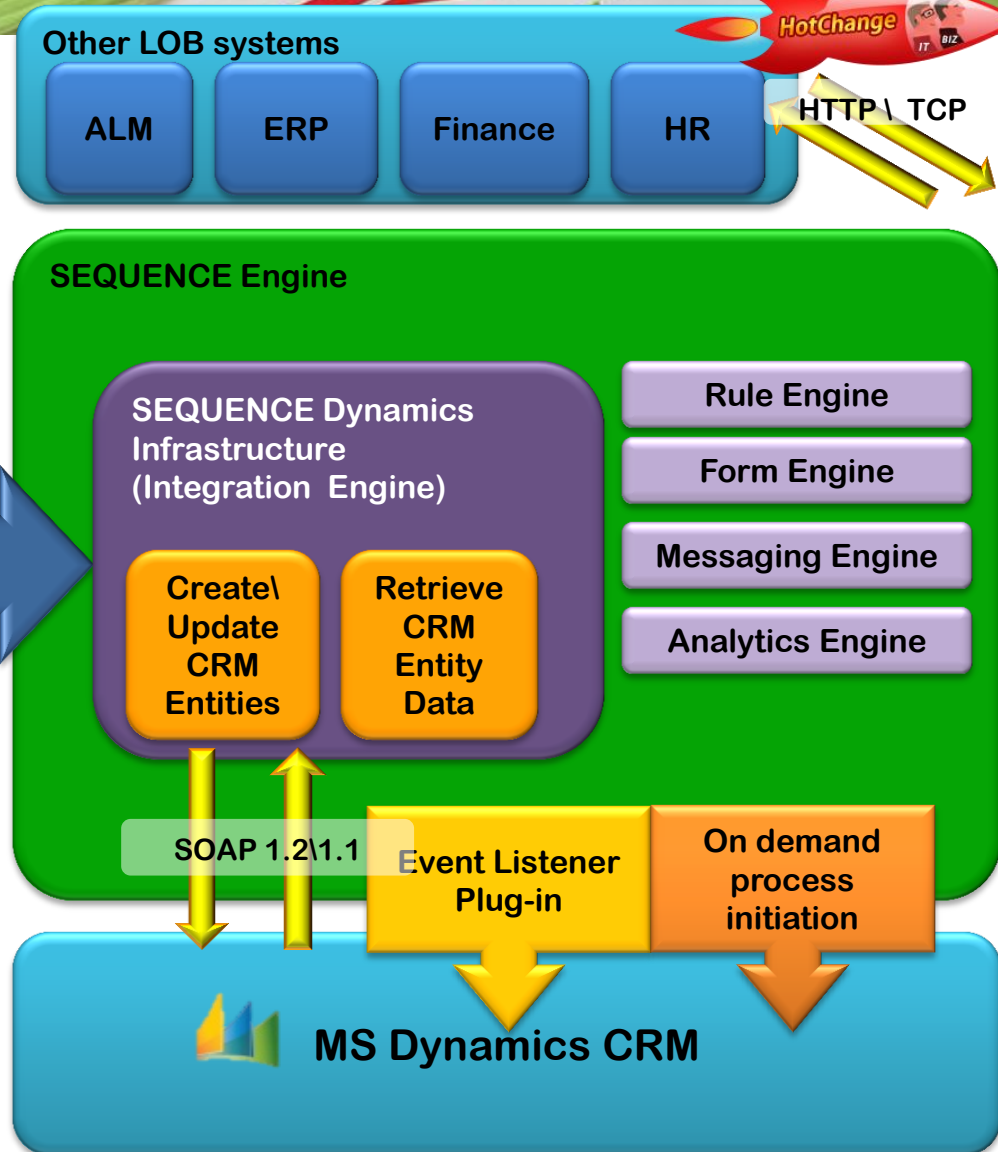
Version 1

Instance A
Instance B
Instance C

Version 1a

Instance D
Instance E
Instance F

Version 2

Instance G
Instance H
Instance I

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HotChange® Feature Example:
Views for Multiple Platforms

➢ *Sequence Kinetics™* UX Studio, using *HotChange®* technology, enables the creation of multiple views in one click. All views are based on the same data model, promoting single-source development.

➢ Each view is optimised for a device.

➢ Multiple view examples: View for desktop, smartphone, tablet etc.
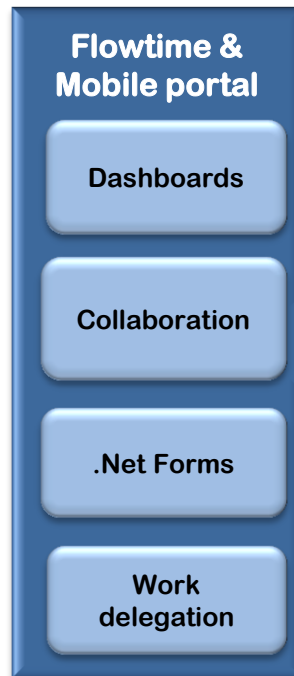

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HotChange® Feature Example: CRM Integration

- ➢ *HotChange*® technology ensures organisations can rapidly extend their CRM with complex processes.
- ➢ CRM connectors are wizard-based.

Other LOB systems

ALM	ERP	Finance	HR

HTTP \ TCP

Flowtime & Mobile portal

- Dashboards
- Collaboration
- .Net Forms
- Work delegation

SEQUENCE Engine

SEQUENCE Dynamics Infrastructure (Integration Engine)

- Create\ Update CRM Entities
- Retrieve CRM Entity Data

- Rule Engine
- Form Engine
- Messaging Engine
- Analytics Engine

SOAP 1.2\1.1

Event Listener Plug-in

On demand process initiation

MS Dynamics CRM

HotChange® Module Example:
Process ^TO GO

Process ^TO GO Mobile BPM includes:

✓ Mobile Portal – A complete BPM suite where users can view their tasks, initiate processes, complete and submit simple forms.

✓ 1-Click Action - Enables users to respond to tasks by one click from their mobile devices (and PCs).

✓ Mobile MI – Enables manager process reporting via mobile devices.

Sequence Kinetics *HotChange*® technology ensures that the Mobile BPM portal is an natural extension of Sequence Kinetics Flowtime, enabling rapid, flexible work.

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HotChange® Architecture: Cloudworks

PNMsoft's Cloudworks enables you to host Sequence Kinetics on Microsoft Azure.

- ✓ *HotChange®* architectures ensures that *Sequence Kinetics™* can be deployed on a variety of platforms, and even rapidly moved from platform to platform.

- ✓ *HotChange®* enables single or multi-tenant deployment.

- ✓ Organisations can choose to host their own private cloud or to have it hosted externally on Azure.
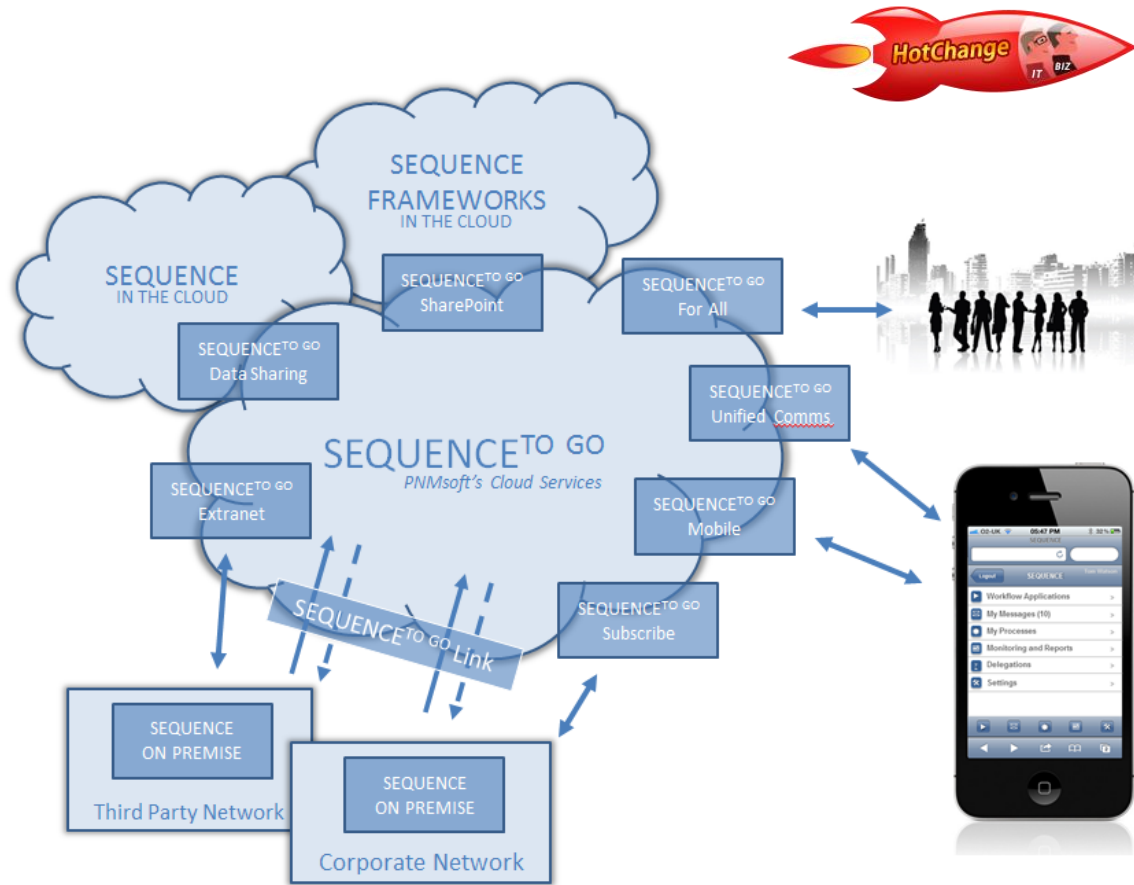
Benefits of *HotChange®*

➤ Reduce time to implement changes to processes.

➤ Ability to keep processes running while making changes (no downtime).

➤ Ability to integrate rapidly with existing and new systems.

➤ Ability to provide processes interfaces on multiple platforms.

➤ End-users are not adversely affected by time-to-change.

➤ Increased ability to continually optimise processes.

➤ Ability to implement new requirements rapidly.

➤ Maintain IT governance and control.

Sequence Kinetics iBPMS

PNMsoft's Sequence Kinetics is an intelligent BPMS (Business Process Management Suite) which enables organisations to automate, control and mobilise their end-to-end business processes using unique _HotChange® technology_. Sequence Kinetics extends Microsoft products and manages processes for businesses and public sector organisations worldwide.

About PNMsoft

❑ Global company, offices and partners network worldwide

❑ Sequence Kinetics: leading Intelligent BPM Suite with tight integration to Dynamics, mobile capabilities and unique *HotChange*® technology

❑ Provider of Vertical and Horizontal BPM solutions

❑ Endorsed by Bill Gates (Click Here for the video)

❑ Gartner iBPMS Magic Quadrant 2012

❑ IDC Major BPM Player 2011

❑ Microsoft BPM & SOA Partner of the year finalist 2009

❑ Trusted BPM partner for Fortune 2000 companies

Microsoft GOLD CERTIFIED *Partner*

2009 SOA AND BUSINESS PROCESS **PARTNER OF THE YEAR** FINALIST

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Business Processes in Motion™

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