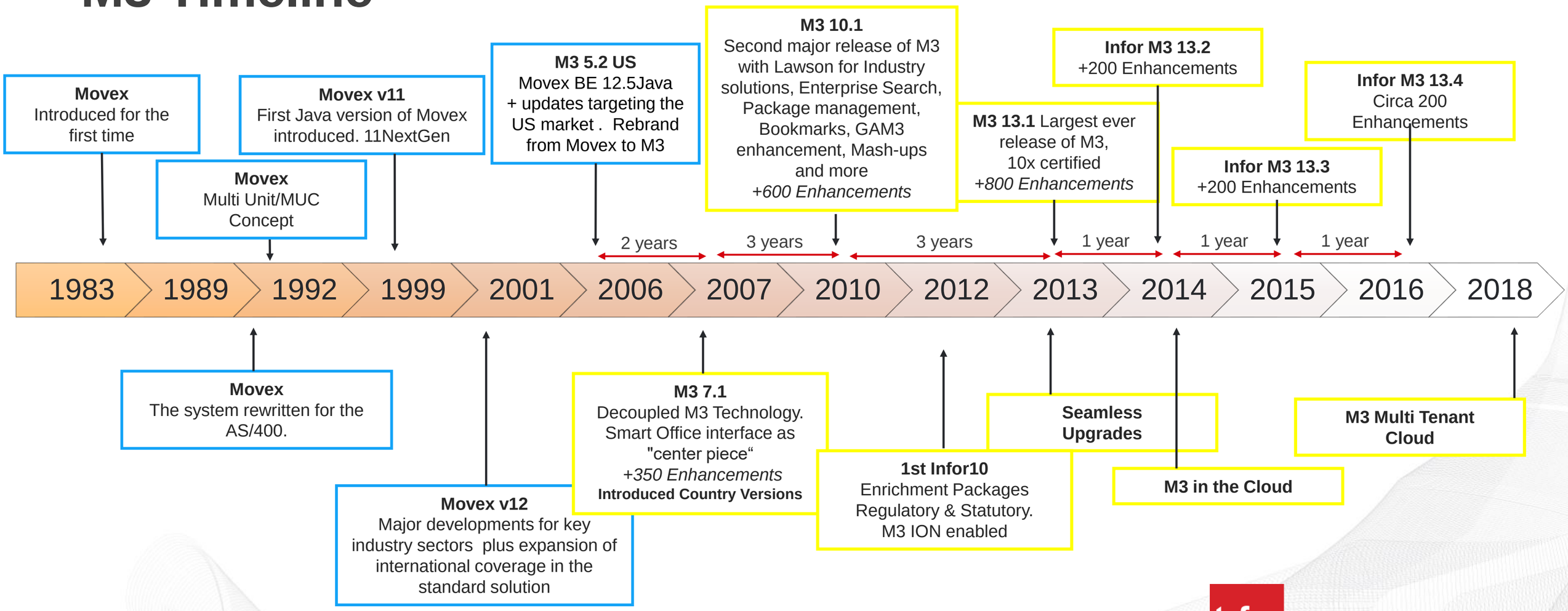
Mitt liv med Movex og M3 i ulike organisasjoner fra 1985 til 2022

Refleksjoner på utviklingen av Movex/M3 fra åttitallet frem til dagens dato

Arild Terje Aasgaard
Senior Solution Consult
arild.aasgaard@infor.com

Copyright © 2020. Infor. All Rights Reserved. www.infor.com

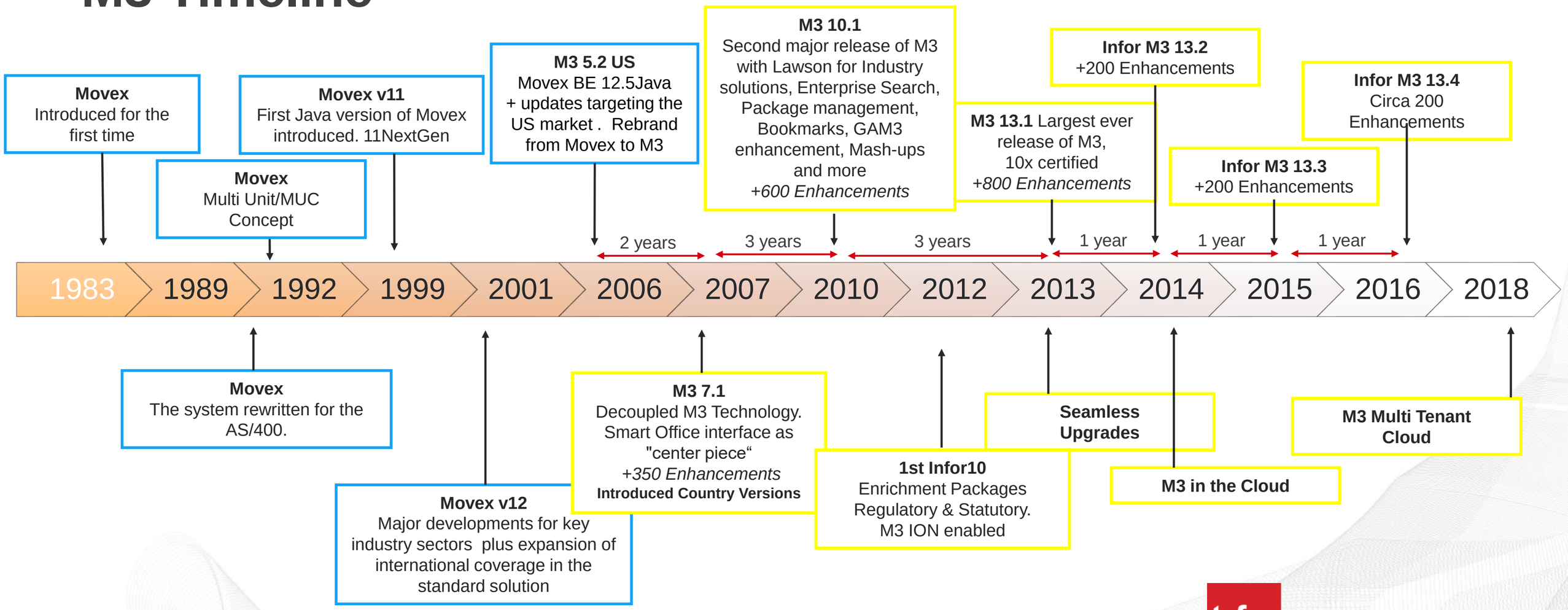
M3 Timeline



intentia → 2005 → LAWSON → 2011 → infor

Copyright © 2020. Infor. All Rights Reserved. www.infor.com

M3 Timeline



Copyright © 2020. Infor. All Rights Reserved. www.infor.com

Ansatt i Movex AS 1 mars 1985

- Konsulent på ERP-systemet Movex. Arbeidsoppgaver; Salg, implementering, prosjektledelse og kursvirksomhet.

- Kom fra Westad (etablert i 1895), ventilprodusent som benytter M3 versjon 13 i dag. Arbeidsoppgaver; Planleggingssjef. Prosjektleder for innføring av IBMs MAPICS system. 9 årsverk i planleggingsavdelingen.

Copyright © 2022. Infor. All Rights Reserved. infor.com

En eventyrlig reise med en fantastisk teknisk utvikling

Infor XA is commercial ERP software used to control the operations of manufacturing companies. Its prior name, **MAPICS**, is an acronym for **M**anufacturing, **A**ccounting and **P**roduction **I**nformation **C**ontrol **S**ystems. MAPICS was created by IBM, International Business Machines, but the product is now owned by Infor Global Solutions.

Originally all MAPICS code ran only on IBM midrange systems like the IBM System 34, 36, 38 and the IBM AS/400, via succeeding versions of the platform - currently IBM I on IBM Power Systems. Early versions were written in IBM RPG, augmented with Control Language programs. IBM's version of SQL is also utilized on the OS integrated database system called Db2 for I . Recent development efforts have added object oriented components written in the Java programming language, which extends a portion of the XA product to servers running Java.

However, the Infor XA product still requires the IBM I operating system. The Java components provide an application runtime which allow user customizations, a rich user interface, an optional web-based interface as well as support for XML interfaces.

Copyright © 2022. Infor. All Rights Reserved. infor.com

ITEM DESCRIPTION: Artemether-lumefantrine CODE: _____

UNIT: 6 tablets STRENGTH: 20 / 120 mg

DATE	ISSUED TO OR RECEIVED FROM	RECEIVED (+)	ISSUED (-)	LOSSES and ADJUSTMENTS	BALANCE	REMARKS	SIGNATURE
1/1/2010	Physical Count				90		C.K.
4/1/2010	Dispensary		30		60		C.K.
10/1/2010	Dispensary		30		30		C.K.
16/1/2010	Dispensary		30		0		C.K.
18/1/2010	Medical Stores	90			90		C.K.
20/1/2010	Dispensary		30		60		C.K.
25/1/2010	Dispensary		30		30		C.K.
31/1/2010	Dispensary		30		0		C.K.
3/2/2010	Physical Count				0		C.K.
28/2/2010	Physical Count				0		C.K.
31/3/2010	Physical Count				0		C.K.
1/4/2010	Medical Stores	300			300		C.K.
1/4/2010	Dispensary		30		270		C.K.
3/4/2010	Dispensary		30		240		C.K.

FIRMATUR MED MOVEX AS TIL FISKERIMUSEET PÅ HJERTØYA PÅ 1980 TALLET
PETTER HERAMB AAMOT OG UNDERTEGNEDE TIL HØYRE I BILDET

Foto: Romsdalsmuseet

Heramb-Aamot. Kontoret februar 1946..I sitt kontor på Superb.

Molde bymuseum
20. april 2010 ·

Confectionsfabriken, Superb, var en av flere større konfeksjonsfabrikker i Molde som sydde tyngre herrekonfeksjon. Fabrikken var Molde største arbeidsplass, og byen største kvinnearbeidsplass gjennom mange ti-år. Molde bymuseum har produsert en utstilling om fabrikken. Du kan se den i det gamle hovedinngangspartiet mot Strandgata.

Confectionsfabriken, Superb, var en av flere større konfeksjonsfabrikker i Molde som sydde tyngre herrekonfeksjon. Fabrikken var Molde største arbeidsplass, og byen største kvinnearbeidsplass gjennom mange ti-år. Molde bymuseum har produsert en utstilling om fabrikken. Du kan se den i det gamle hovedinngangspartiet mot Strandgata.

AB Partner [redigera | redigera wikitext]

AB Partner var en tillverkare av motorsågar med kontor och tillverkning i Mölndal. I Mölndal fanns tillverkningen fram till nedläggningen omkring 1980 då produktionen flyttades till Jonsered. Bolaget köptes upp av Electrolux 1978.[1] Varumärket Partner fanns kvar fram till 2000-talet men fasades då ut.

Motorsåg från Partner

Under namnet Bergborrmaskiner lanserade bolaget den första svensktillverkade motorsågen Be-Bo 1948.[2] 1955 gick AB Bergborrmaskiner samman med Göteborgs lättmetallgjuteri AB under firmanamnet AB Partner och samma år lanserades den första motorsågen under namnet Partner med Partner C6.[3] Den första modellen som utvecklades sedan Partner bildats var Partner R11[4] som var den första direktdrivna svenska motorsågen.[5] Bolaget exporterade även sina motorsågar utomlands, bland annat till USA. Bolaget ägdes av Kinnevik.[6] Partners motorsågar hade gul färg.

De kapsågar som säljs av Husqvarna har sitt ursprung i Partners kapsågsverksamhet som var en föregångare på området. Partner började tillverka kapsågar kring 1960 sedan en första förfrågan från en kund gjorts 1958.[7] Partner hade bland annat stora framgångar med försäljning till räddningstjänster i Nordamerika. Husqvarnas modeller har K i modellnamnet vilket är ett arv från Partner-sågarna.[8]

Behovsberegning (MRP) papirbasert for AB Partner på IBM system 3 var starten på Movex utviklingen på begynnelsen av 1980 tallet

Prisutvikling på Lagring av data

- Pris på 200 MB Disk i 1984 til S36 cirka 200000,- kroner **eller 1000 kroner per MB**

- 1 TB er lik 1000 gigabyte (GB) eller 1 000 000 megabyte (MB)
  - 1 TB lagring i dag koster cirka 338 kroner **eller 0,000338 kroner per MB**

Copyright © 2022. Infor. All Rights Reserved. infor.com

1983/1984 Movex i Sverige og Norge skiller lag

- Uoverensstemmelse i organisasjonen om hva som måtte utvikles i systemet
  - Kom overens om at Norge og Sverige fikk siste versjon av systemet i hvert sitt magasin til IBM S/36
- Utviklingen av Movex gikk videre i 2 spor, et i Sverige under **Intentia** som ble etablert i 1984 og et i Norge under **Movex AS**
- I Norge startet man raskt på en ny utvikling mot IBM System/38 og IBM AS400 når denne ble lansert i 1988
  - Det nye systemet fikk navnet AMACS og ble utviklet i prosjekter med en rekke kjente norske industribedrifter noen av disse var;
    - Haugesund Mekaniske Verksted (HMV), Offshore plattformer. Lagermodul og innkjøpsmodul.
    - Norsk Hydro (Hydroparken på Notodden, Rafnes (Petrokjemiske produkter basert på våtgass fra Ekofiskfeltet i Nordsjøen) og Magnesiumdivisjonen. Ordremodul.
    - ABB lavspenningsfabrikk i Skien. Diverse forbedringer i ulike moduler.
    - Alcatel Kabel på Økern. Diverse forbedringer i ulike moduler.

Copyright © 2022. Infor. All Rights Reserved. infor.com

WIKIPEDIA
The Free Encyclopedia

Main page
Contents
Current events
Random article
About Wikipedia
Contact us
Donate

Contribute
Help
Learn to edit
Community portal
Recent changes
Upload file

Tools
What links here
Related changes
Special pages
Permanent link
Page information
Cite this page
Wikidata item

Print/export
Download as PDF
Printable version

Languages
Svenska
Edit links

Intentia

From Wikipedia, the free encyclopedia

This article **needs additional citations for verification**. Please help improve this article by adding citations to reliable sources. Unsourced material may be challenged and removed.

Find sources: "Intentia" – news · newspapers · books · scholar · JSTOR *(March 2012)* *(Learn how and when to remove this template message)*

Intentia was a software company founded in 1984 that provided applications such as customer relationship management, supply chain management and asset management. Intentia was a public company traded on the Stockholm Stock Exchange (XSSE) under the symbol INT B. In April 2006, Lawson Software and Intentia merged to form the new LAWSON.[1][2]

Intentia

	Intentia.png
Type	Subsidiary of Infor Global Solutions)
Industry	Computer software
Founded	(1984)
Fate	acquired by Lawson Software
Successors	Lawson Software, Now Infor
Headquarters	Danderyd, Sweden
Key people	Romesh Wadhwani (chairman) Bertrand Sciard (CEO)
Products	ERP
Revenue	SEK 2,982,900,000 SEK (2004)
Website	www.intentia.com

Contents [hide]

History [edit]

Intentia was founded in 1984 by Björn Algkvist, Mikael Agerås, Göran Felldin and Rune Groppfeldt. The ERP market was at the time locally fragmented with few international suppliers. During the 1980s Intentia concentrated on establishing a strong position for itself on the Swedish market.

In 1991, Intentia bought Entra Data and then proceeded to redevelop the flagship product known as Movex. During the 1990s, Intentia established itself in 30 countries, first via business partners. During the latter part of the period, Intentia chose to acquire some of these business partners as well as to establish new subsidiaries.

At first the Intentia Application Suite ran just in IBM platforms (AS/400, S/390, etc.), but in middle 1990s, Intentia made the decision to carry out a technology shift to a new development environment based on Java, being one of the first ERP vendors to perform this transition. As a consequence of the new technology, the applications were certified on a number of additional operating systems, including Unix in the form of Sun Solaris. For a while Intentia maintained both RPG and Java based applications, even when the current developments and new applications were mainly based on Java.

Java based technology permitted the integration of new applications with the intent for Intentia not to be considered just as an ERP vendor, but as an e-Solutions provider. BI applications such as Opportunity Analyzer, Data Warehouse applications such as BPW, and some applications such as e-sales, e-procurement or e-business solutions, have improved the system to match the technology requirements of business worldwide.

Intentia began implementing its internationalization plans at the same time that it started planning significant development projects. In order to finance these projects, Intentia stock was introduced on the Stockholm Stock Exchange in 1996.

IBM AS/400

From Wikipedia, the free encyclopedia

The **IBM AS/400** (**Application System/400**) is a family of midrange computers from IBM announced in June 1988 and released in August 1988. It was the successor to the System/36 and System/38 platforms, and ran the OS/400 operating system. Lower-cost but more powerful than its predecessors, the AS/400 was extremely successful at launch, with an estimated 111,000 installed by the end of 1990 and annual revenue reaching $14 billion that year,[1] increasing to 250,000 systems by 1994,[2] and about 500,000 shipped by 1997.[3]

A key concept in the AS/400 platform is Technology Independent Machine Interface (TIMI), a platform-independent instruction set architecture (ISA) that is compiled along with the native machine language instructions. The platform has used this capability to change the underlying processor architecture without breaking application compatibility. Early systems were based on a 48-bit CISC instruction set architecture known as the *Internal Microprogrammed Interface* (IMPI), originally developed for the System/38.[4] In 1991, the company introduced a new version of the system running on a 64-bit PowerPC-derived CPU, the IBM RS64.[5] Due to the use of TIMI, applications for the original CISC-based programs continued to run on the new systems without modification. The RS64 was replaced with POWER4 processors in 2001, which was followed by POWER5 and POWER6 in later upgrades.

The AS/400 went through multiple re-branding exercises, finally becoming the System i in 2006. In 2008, IBM consolidated the separate System i and System p product lines (which had mostly identical hardware by that point)[6] into a single product line named IBM Power Systems.[7][8] The name "AS/400" is sometimes used informally to refer to the IBM i operating system running on modern Power Systems hardware.[9]

Contents [hide]

Alcatel kabel, datarom Økern

IBM AS/400

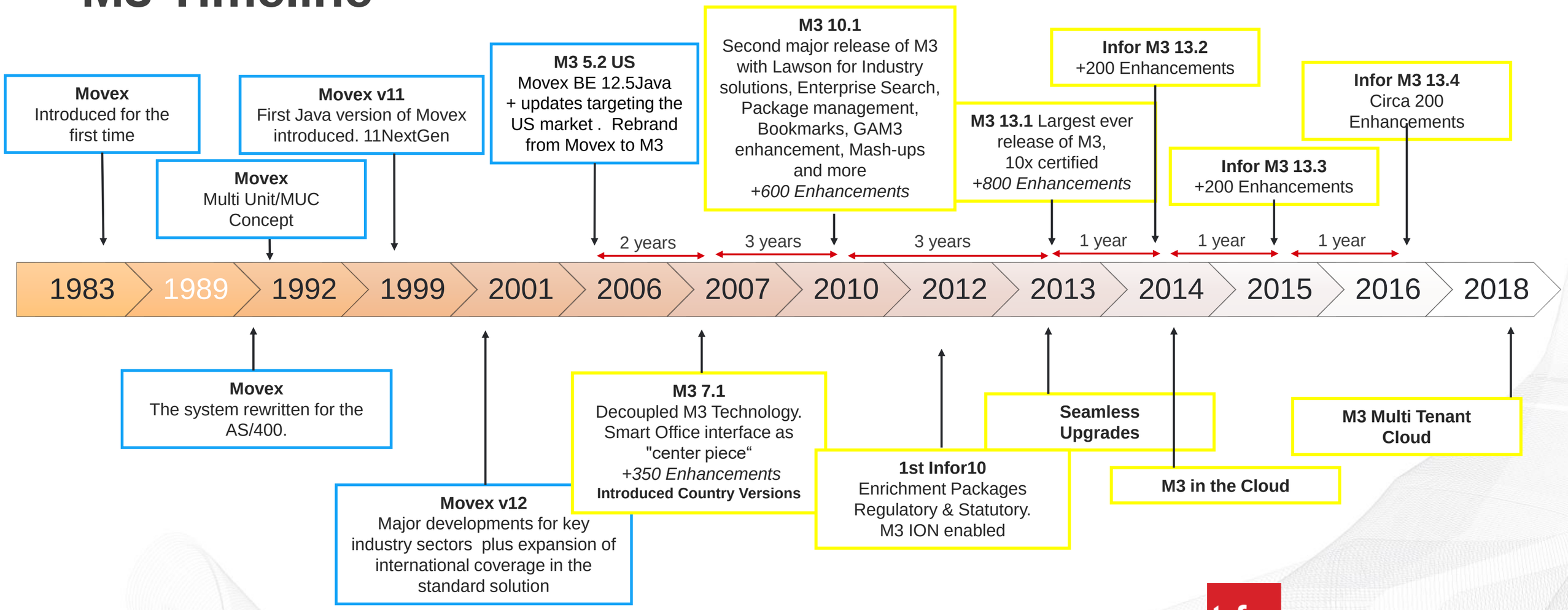
IBM AS/400e model 730

Also known as	AS/400e, eServer iSeries, eServer i5, System i
Manufacturer	IBM
Type	Midrange computer
Release date	June 1988 (Announced) August 1988 (Release)

infor

Copyright © 2022. Infor. All Rights Reserved. infor.com

M3 Timeline



intentia → 2005 → LAWSON → 2011 → infor

Copyright © 2020. Infor. All Rights Reserved. www.infor.com

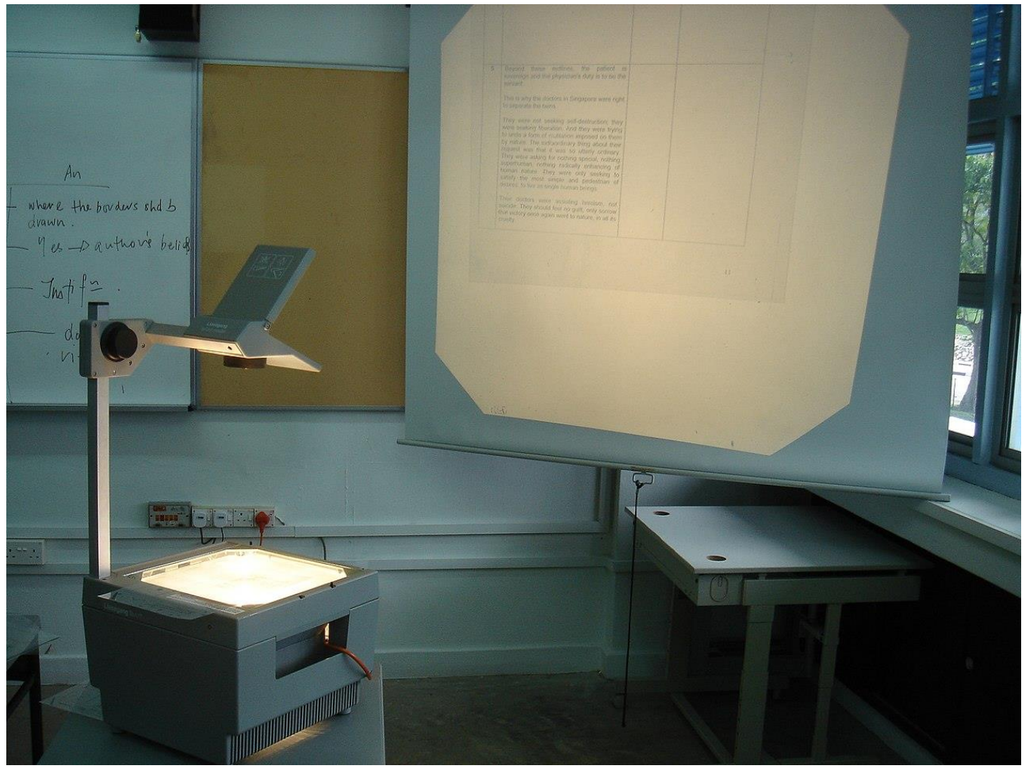
Resurs problemer – utvikling

IBM RPG

From Wikipedia, the free encyclopedia

RPG is a high-level programming language for business applications, introduced in 1959 for the IBM 1401. It is most well known as the primary programming language of IBM's midrange computer product line, including the IBM i operating system.[1] RPG has traditionally featured a number of distinctive concepts, such as the program cycle, and the column-oriented syntax.[2] The most recent version is **RPG IV**, which includes a number of modernization features, including free-form syntax.[3]

Contents [hide]



RPG
Report Program Generator

Paradigm	Multi-paradigm
Developer	IBM
First appeared	1959; 63 years ago
Stable release	RPG IV version 7 release 4 / October 6, 2020
Typing discipline	Strong, static
OS	CPF, SSP, OS/400, IBM i, OS/VS1, z/OS, DOS/VSE, VSE/SP, VSE/ESA, z/VSE, VS/9, PRIMOS, OpenVMS, Wang VS, Burroughs MCP, HP MPE, MS-DOS, OS/2, Microsoft Windows
Dialects	
RPG, RPG II, RPG III, RPG 400, RPG IV, RPG/ILE; RPG/Free, Baby/36, Baby/400, Lattice RPG, VAX RPG II	

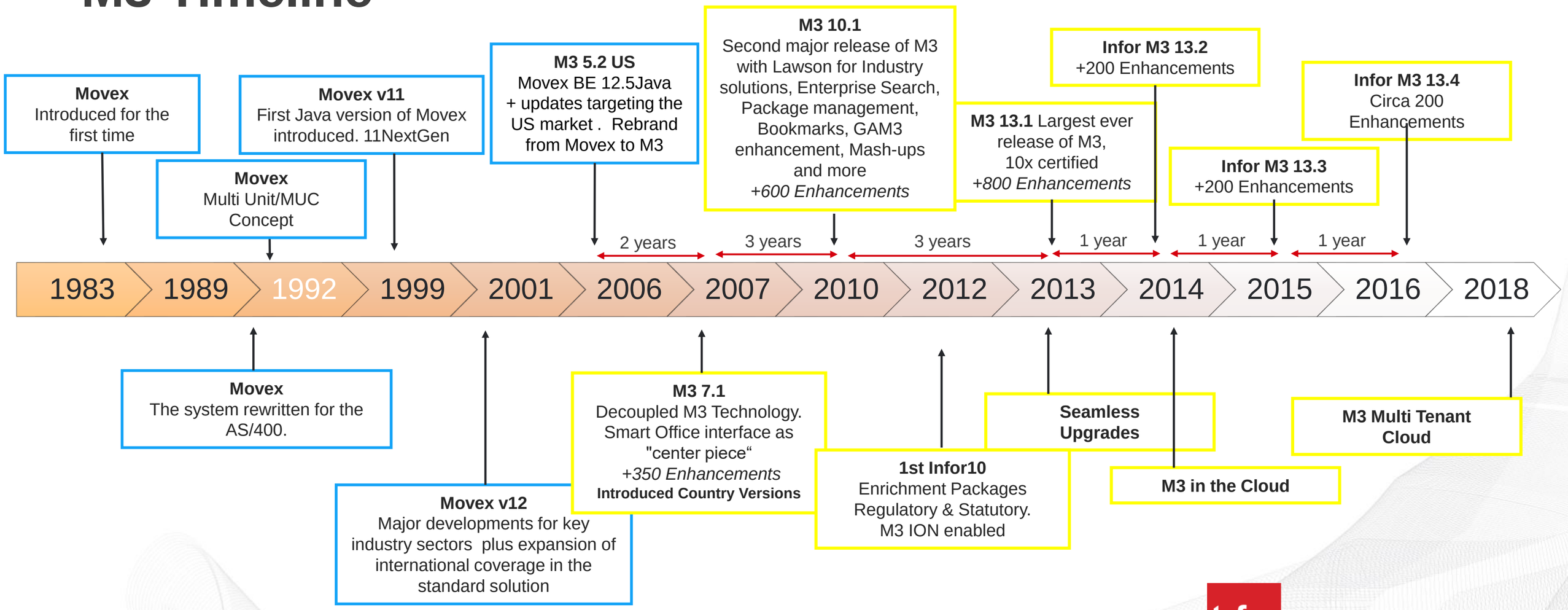
Copyright © 2022. Infor. All Rights Reserved. infor.com

Behov for en større organisasjon og mer penger

- Movex AS solgt til Capgemini Oktober 1988
- Entra kjøper AMACS og oppretter kontor i Oslo
  - Entra søker etter 400 konsulenter i Oslo (2 helsider i Aftenposten)
- Entra AB kjøpte seg inn i Informatikk i 1990
  - AMACS ble samme høst valgt som logistikkstyringssystem på Lillehammer OL 1994 i konkurranse med Informatikk
  - Prosjektet ble gjennomført med ressurser fra Movex/AMACS teamet og Informatikk resurser fra Gjøvik
- Intentia kjøper Entra AB i 1991
- Intentia AB kjøper opp Informatikk 1992–94
- Informatikk skiftet navn til Intentia AS i 1996

Copyright © 2022. Infor. All Rights Reserved. infor.com

M3 Timeline



intentia → 2005 → LAWSON → 2011 → infor

Copyright © 2020. Infor. All Rights Reserved. www.infor.com

Movex Multi Unit/MUC Concept

- Håg i dag Flokk krevde funksjonalitet vedrørende Multi Unit
  - Selger fra Informatikk informerte om at det hadde vi i møte med Håg på Røros

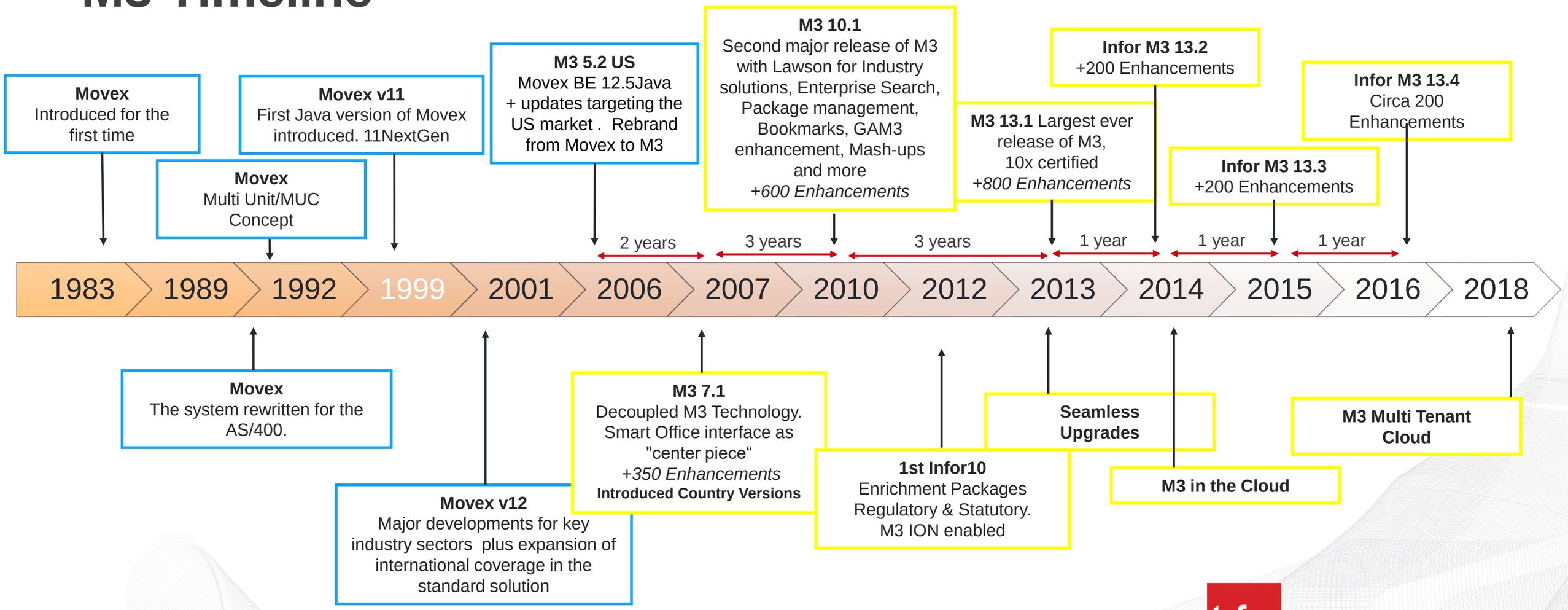
- Utfordring var at Movex (**vi solgte den svenske versjonen på dette tidspunktet**) ikke hadde denne funksjonaliteten, det hadde derimot AMACS

- Store prosjekter ble igangsatt for å kunne levere det vi hadde forpliktet oss til. Store deler av den svenske Movex versjonen ble omskrevet og tabellstruktur fra AMACS ble benyttet. Tabeller som MITMAS, MITBAL og MITLOC med flere husker jeg fra AMACS systemet

- Multiple Unit Coordination (MUC) konseptet har blitt videreutviklet mange ganger etter dette og er etter min mening en av de viktige suksess faktorene til M3 suksessen

Copyright © 2022. Infor. All Rights Reserved. infor.com

M3 Timeline



intentia → 2005 → LAWSON → 2011 → infor

Copyright © 2020. Infor. All Rights Reserved. www.infor.com

Movex v11 - First Java version of Movex introduced. 11NextGen

Java (programming language)

From Wikipedia, the free encyclopedia

Not to be confused with JavaScript or Javanese language.

Java is a high-level, class-based, object-oriented programming language that is designed to have as few implementation dependencies as possible. It is a general-purpose programming language intended to let programmers *write once, run anywhere* (WORA),[17] meaning that compiled Java code can run on all platforms that support Java without the need to recompile.[18] Java applications are typically compiled to bytecode that can run on any Java virtual machine (JVM) regardless of the underlying computer architecture. The syntax of Java is similar to C and C++, but has fewer low-level facilities than either of them. The Java runtime provides dynamic capabilities (such as reflection and runtime code modification) that are typically not available in traditional compiled languages. As of 2019, Java was one of the most popular programming languages in use according to GitHub,[19][20] particularly for client–server web applications, with a reported 9 million developers.[21]

Java was originally developed by James Gosling at Sun Microsystems. It was released in May 1995 as a core component of Sun Microsystems' Java platform. The original and reference implementation Java compilers, virtual machines, and class libraries were originally released by Sun under proprietary licenses. As of May 2007, in compliance with the specifications of the Java Community Process, Sun had relicensed most of its Java technologies under the GPL-2.0-only license. Oracle offers its own HotSpot Java Virtual Machine, however the official reference implementation is the OpenJDK JVM which is free open-source software and used by most developers and is the default JVM for almost all Linux distributions.

Java

Paradigm	Multi-paradigm: generic, object-oriented (class-based), functional, imperative, reflective, concurrent

Copyright © 2022. Infor. All Rights Reserved. infor.com

Internet

From Wikipedia, the free encyclopedia

This article is about the worldwide computer network. For the global system of pages accessed via URLs, see World Wide Web. For other uses, see Internet (disan

This article **needs additional citations for verification**. Please help improve this article by adding citations to reliable sources. Unsc be challenged and removed.

Find sources: "Internet" – news · newspapers · books · scholar · JSTOR *(January 2021) (Learn how and when to remove this template message)*

The **Internet** (or **internet**)[a] is the global system of interconnected computer networks that uses the Internet protocol suite (TCP/IP)[b] to communicate between networks and devices. It is a *network of networks* that consists of private, public, academic, business, and government networks of local to global scope, linked by a broad array of electronic, wireless, and optical networking technologies. The Internet carries a vast range of information resources and services, such as the inter-linked hypertext documents and applications of the World Wide Web (WWW), electronic mail, telephony, and file sharing.

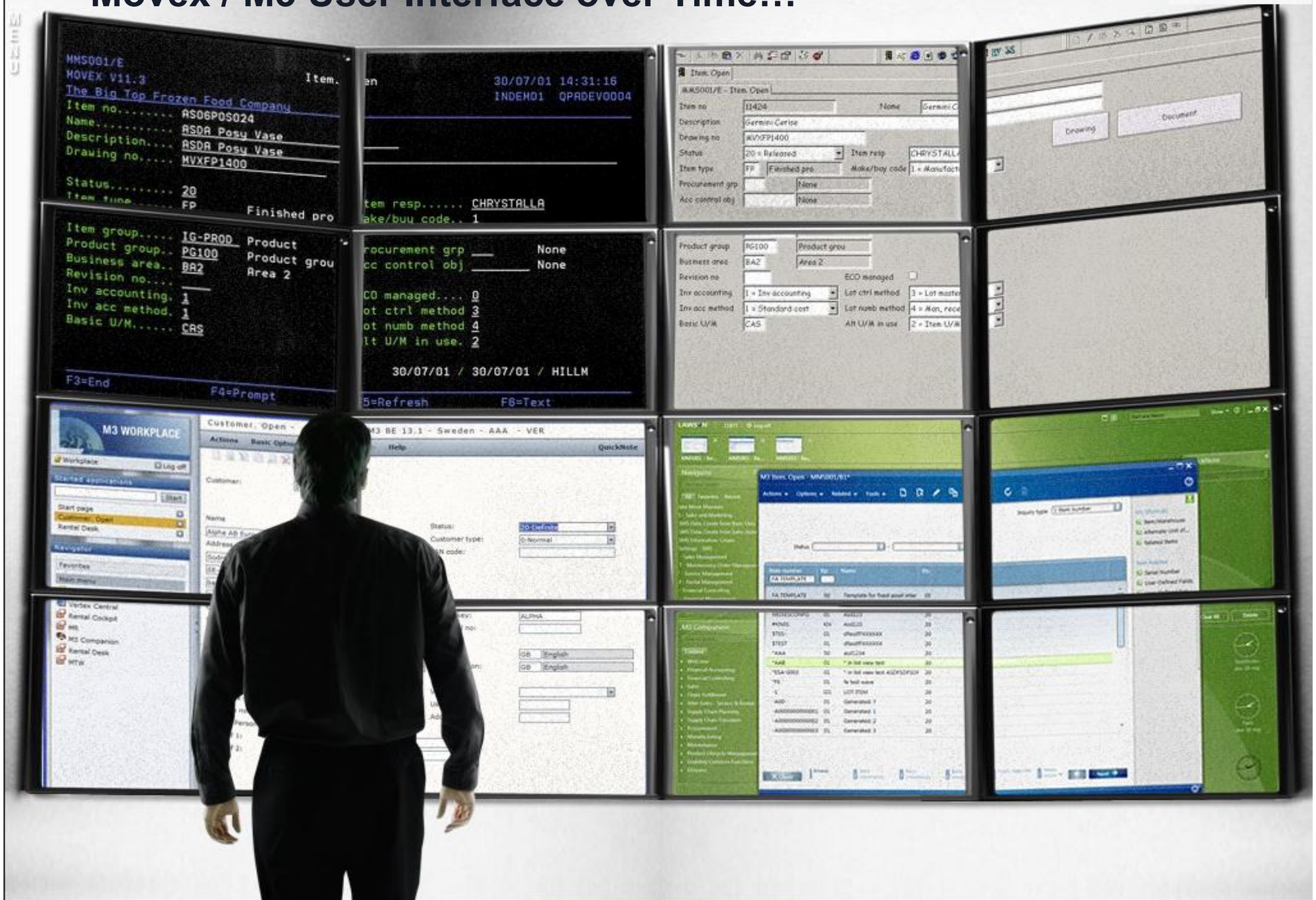
The origins of the Internet date back to the development of packet switching and research commissioned by the United States Department of Defense in the 1960s to enable time-sharing of computers.[2] The primary precursor network, the ARPANET, initially served as a backbone for interconnection of regional academic and military networks in the 1970s. The funding of the National Science Foundation Network as a new backbone in the 1980s, as well as private funding for other commercial extensions, led to worldwide participation in the development of new networking technologies, and the merger of many networks.[3] The linking of commercial networks and enterprises by the early 1990s marked the beginning of the transition to the modern Internet,[4] and generated a sustained exponential growth as generations of institutional, personal, and mobile computers were connected to the network. Although the Internet was widely used by academia in the 1980s, commercialization incorporated its services and technologies into virtually every aspect of modern life.

Most traditional communication media, including telephone, radio, television, paper mail and newspapers are reshaped, redefined, or even bypassed by the Internet, giving birth to new services such as email, Internet telephone, Internet television, online music, digital newspapers, and video streaming websites. Newspaper, book, and other print publishing are adapting to website technology, or are reshaped into blogging, web feeds and online news aggregators. The Internet has enabled and accelerated new forms of personal interactions through instant messaging, Internet forums, and social networking services. Online shopping has grown exponentially for major retailers, small businesses, and entrepreneurs, as it enables firms to extend their "brick and mortar" presence to serve a larger market or even sell goods and services entirely online. Business-to-business and financial services on the Internet affect supply chains across entire industries.

The Internet has no single centralized governance in either technological implementation or policies for access and usage; each constituent network sets its own policies.[5] The overreaching definitions of the two principal name spaces in the Internet, the Internet Protocol address (IP address) space and the Domain Name System (DNS), are directed by a maintainer organization, the Internet Corporation for Assigned Names and Numbers (ICANN). The technical underpinning and standardization of the core protocols is an activity of the Internet Engineering Task Force (IETF), a non-profit organization of loosely affiliated international participants that anyone may associate with by contributing technical expertise.[6] In November 2006, the Internet was included on *USA Today*'s list of New Seven Wonders.[7]

Copyright © 2022. Infor. All Rights Reserved. infor.com

Movex / M3 User Interface over Time…



Mange diskusjoner og lang vei frem til dagens HTML5 UX i Infor OS CloudSuites

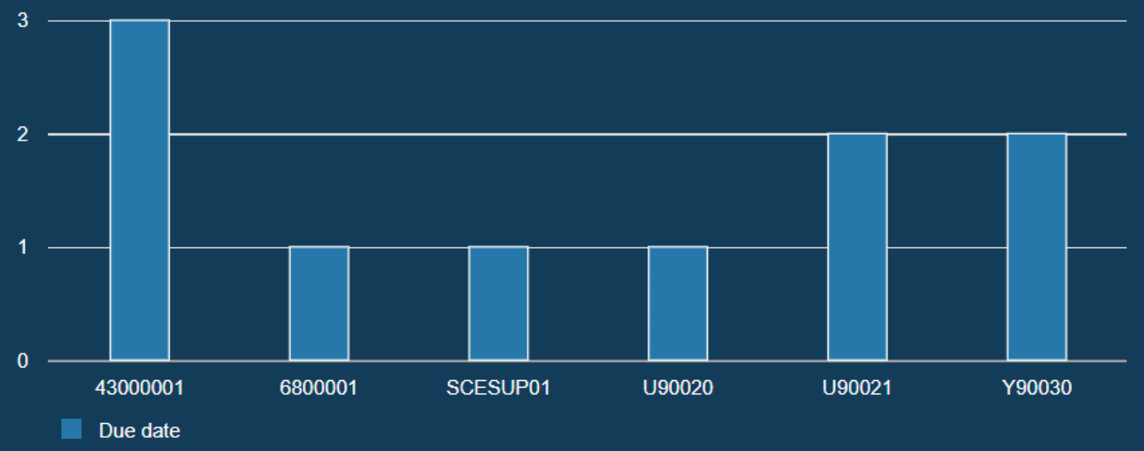
infor

IA-Accounts Payable Controller

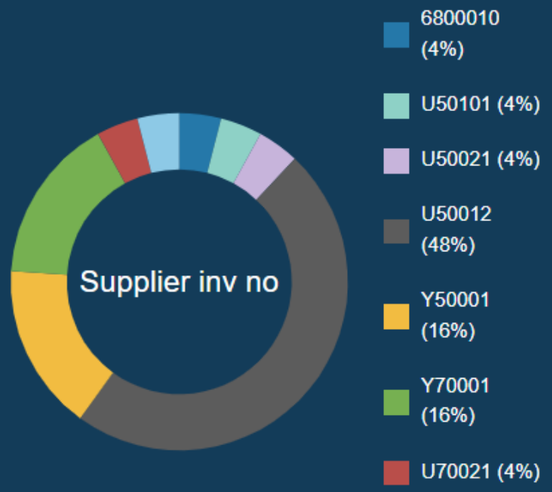
Accounts payable monitors

- Suppliers to approve (status 10) — 15
- Stopped supplier invoices — 2
- Unapproved supplier invoices — 44
- Invoices past due > 30 days old — 5
- Unapproved and Due (this year) — 13

Number of supplier invoices due for payment this week



Division Top 100 Largest Invoi…



M3 Editor Supplier Approval

Search

Supplier 43001000
Supplier name GELAGRI - Légumes
Status 10
Supplier type 0

Supplier U70025K
Supplier name Carters Cardboard Ltd
Status 10
Supplier type 0

Alert List

No Alerts Available

Task List

Yesterday

Supplier Y70001-PP - Packaging Supplier has j…
YESTERDAY AT 5:01:30 PM
due 9/17/2022, 5:01:30 PM

Address : Please provide address information …
YESTERDAY AT 8:36:52 AM
due 9/17/2022, 8:36:52 AM

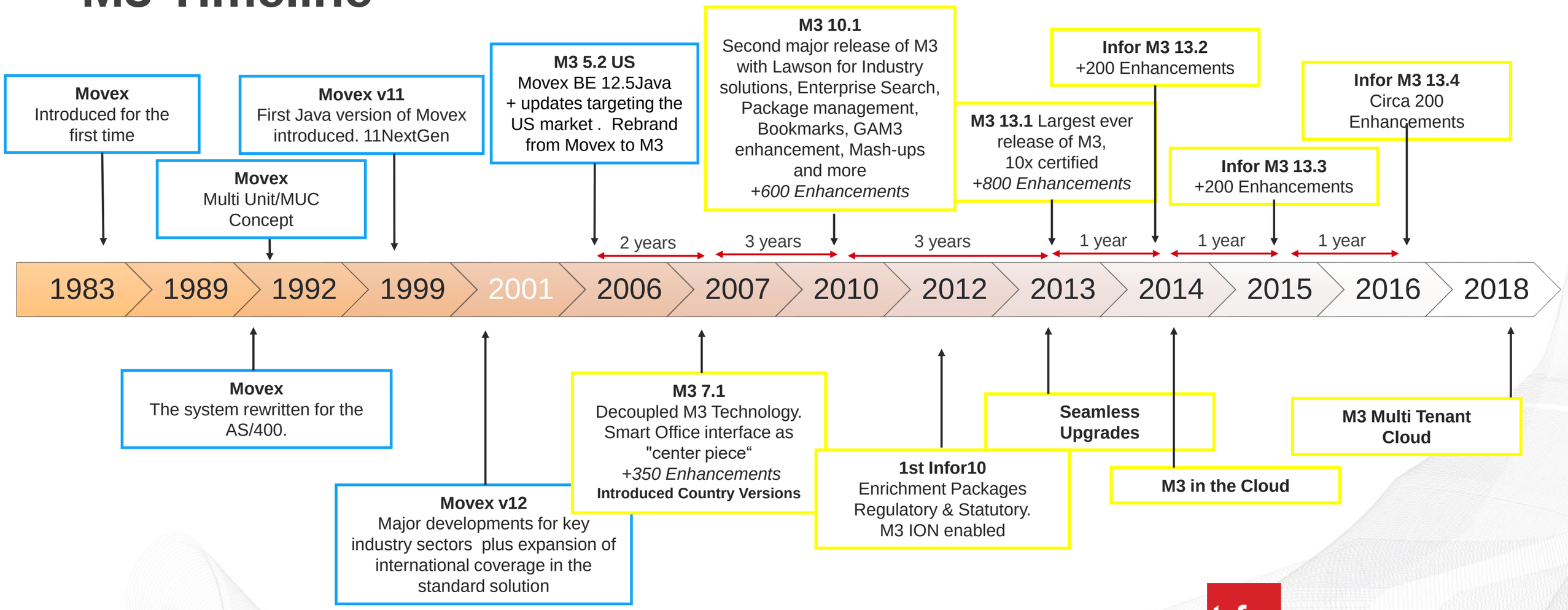
Tuesday

Supplier US0002 - Seed Supplier Grass 01 has …
9/13/2022, 9:43:32 AM

My regular tasks

- Record supplier invoices
- Payment proposals
- Display supplier transactions
- AP balances
- GRNI report
- GINR report

M3 Timeline



intentia → 2005 → LAWSON → 2011 → infor

Copyright © 2020. Infor. All Rights Reserved. www.infor.com

2005 Intentia solgt til Lawson

- **Lawson Software**, started in 1975 before being acquired by Infor Global Solutions in 2011, offered one of the largest enterprise resource planning (ERP), general ledger, and human capital management (HCM) solutions after SAP and Oracle. Known for developing industry-specific applications, particularly for healthcare facilities, these ERP systems streamline business processes while providing greater visibility into workflows. As a result, companies using Lawson Software can engage in better financial planning and decision-making.

Lawson ERP Software

- Best known for their **M3 (“make, move, and maintain”) and S3 (“staff, source, and serve”) business management products**, ERP software originally offered by Lawson helps companies to streamline workflow. Like other ERP products, Lawson M3 was an integrated suite of business applications ranging from financials to back-end operations.

Copyright © 2020. Infor. All Rights Reserved. www.infor.com

2005 Intentia solgt til Lawson

- **Lawson Software Norge AS, Lysaker torg 25 i Bærum**, er et datterselskap av Lawson Software Inc. med hovedkontor i St. Paul, Minnesota. Leverandør av programvare og konsulenttjenester til produksjon og distribusjon, næringsmiddel- og vedlikeholds intensiv virksomhet. **Selskapet har sin opprinnelse i Informatikk AS, etablert av Andenæs gruppen** i Strandveien 4 på Lysaker 22. mai 1981. Informatikk startet med intern programvareutvikling i Andenæs, men gjorde også suksess med eksternt salg i 1980-årene, flyttet til Sandviksveien 22 på Høvik i 1986 og videre til Billingstadsletta 91 i 1992. Intentia AB kjøpte opp selskapet i 1992–94. **Programvareutviklingen og konsulenttjenestene ble drevet videre gjennom Intentia Norge AS fra 1996**, mens tjenesteleveransene knyttet til selskapets programvare ble skilt ut i datterselskapet Informatikk-Nett AS og solgt til en gruppe ansatte i 2000. Intentia Norge flyttet til Lysaker i 2005. **Intentia fusjonerte med Lawson i 2005.**

Copyright © 2022. Infor. All Rights Reserved. infor.com

Globalisering / Internasjonalisering

- Bildet er fra innsalgsmøte med **Nutreco** i Fort Lauderdale, Florida USA
- Alf Reime og Kjell Ove Bjørnøy til høyre i bildet som er tatt av undertegnede
- Intentia vant kontrakten i år 2000

Copyright © 2022. Infor. All Rights Reserved. infor.com

Globalisering / Internasjonalisering

Cirka 25 mann fra Nutreco samlet i dette rommet i en uke med Workshops med detaljerte gjennomganger av alle Movex områder

I dag benytter Nutreco Infor CloudSuite for Food & Beverage på cirka 100 forfabrikker på mange kontinenter

Copyright © 2022. Infor. All Rights Reserved. infor.com

Globalisering / Internasjonalisering

AL FOAH is the ambassador of dates in the United Arab Emirates

Copyright © 2022. Infor. All Rights Reserved. infor.com

Globalisering / Internasjonalisering

- Veisperring i ørkenen i Saudi Arabia
- Flytur fra Hail til Riyadh i Saudi Arabia

Copyright © 2022. Infor. All Rights Reserved. infor.com

Tuesday 2 Mai 2006 – Cutting the cost of living!

Copyright © 2022. Infor. All Rights Reserved. infor.com

Globalisering / Internasjonalisering

- Mange salgs prosjekter på ulike kontinenter har ført til omfattende reisevirksomhet:

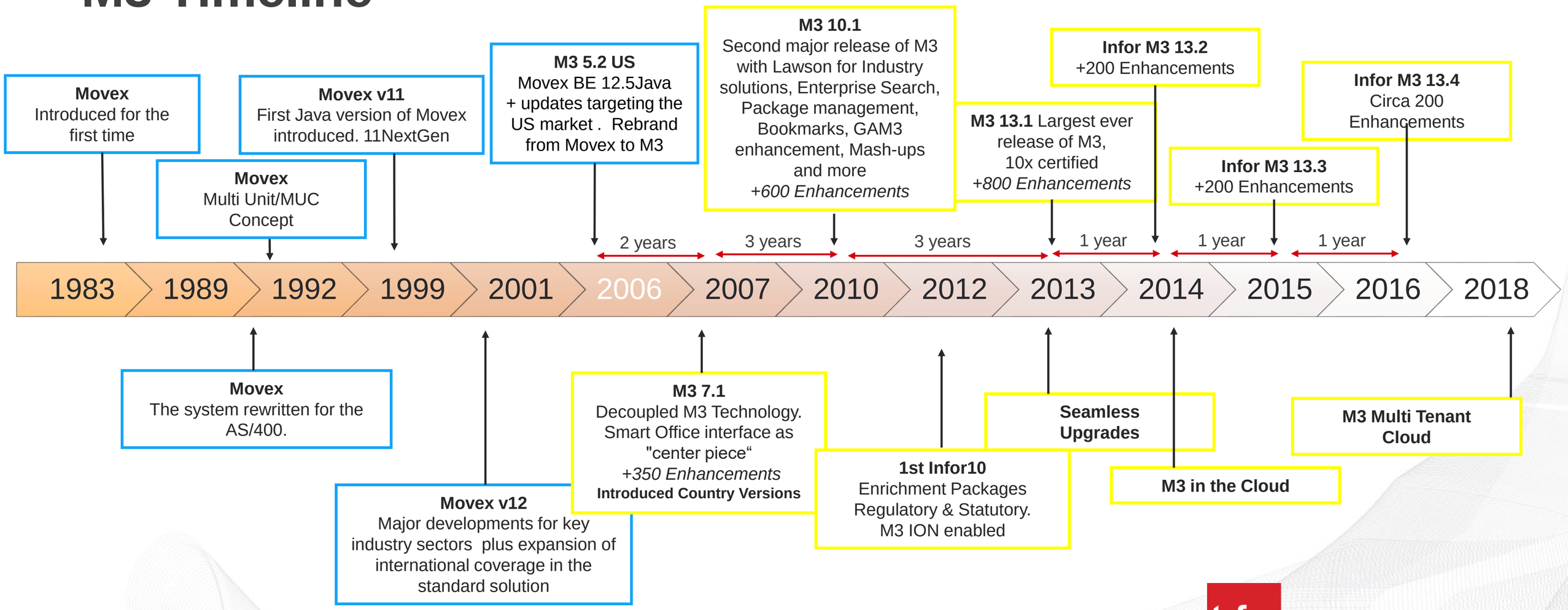
- Fra Japan i øst til **Vancouver Island** i Canada i vest til Puerto Montt i Chile

- Oslo – Japan cirka 8500 km i luftlinje
- Oslo – Vancouver Island cirka 7300 km i luftlinje
- Oslo – Puerto Montt cirka 13500 km o luftlinje

- Min verste reiseopplevelse – den begynte bra

Copyright © 2022. Infor. All Rights Reserved. infor.com

M3 Timeline



intentia → 2005 → LAWSON → 2011 → infor

Copyright © 2020. Infor. All Rights Reserved. www.infor.com

M3 - Make, Move, and Maintain

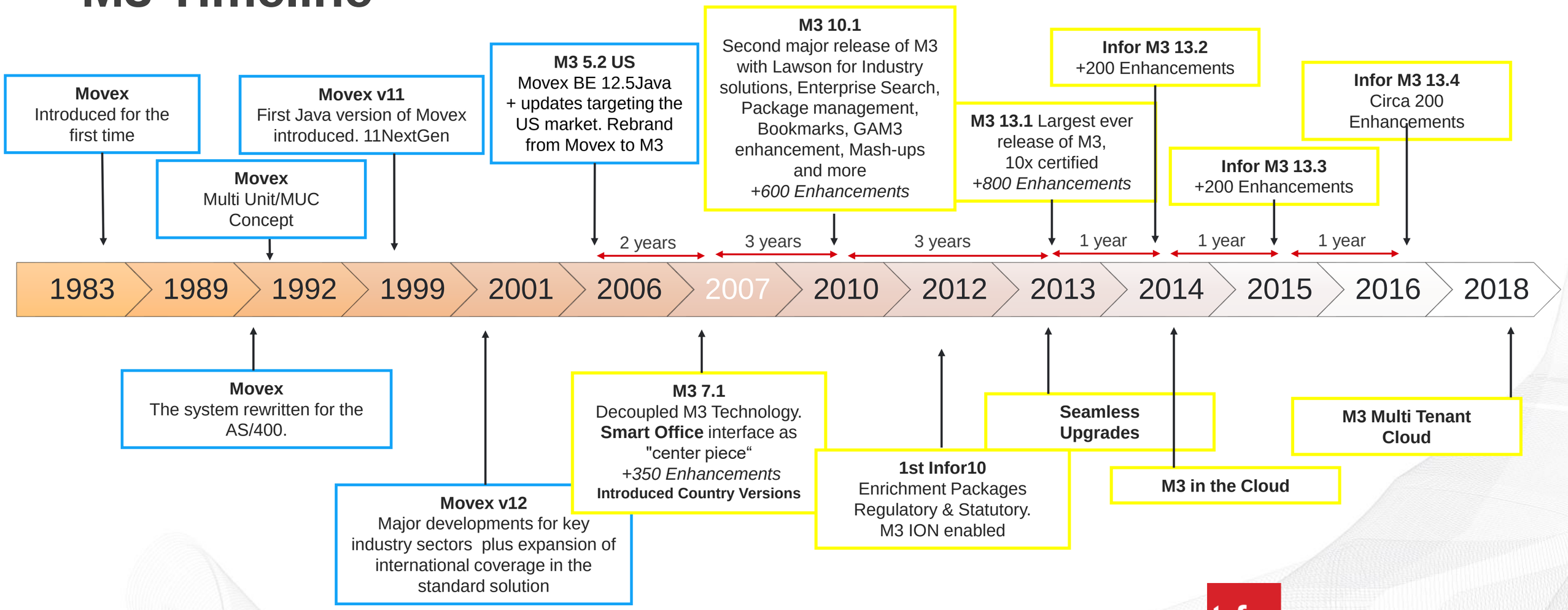
M3 5.2 US

Movex BE 12.5 Java

+ updates targeting the US market. Rebrand from Movex to M3

Copyright © 2020. Infor. All Rights Reserved. www.infor.com

M3 Timeline



intentia 2005 LAWSON 2011 infor

Copyright © 2020. Infor. All Rights Reserved. www.infor.com


LAWSON
10040
Log off
Show
Navigator
Start and Search
All
Favorites
Recent
M3 – Make Move Maintain
Business Intelligence
Companion
Content Applications
Check Mail
You need to refresh
Calendar
February
2008
Mo Tu We Th Fr Sa Su
United Kingdom
Fredrik C Eriksson
Tobbe
9%
CPU
Memory Usage
6%
Lawson Internatio...
Lawson Software Announces Ex...
Lawson and OR–NEXT Sign Res...
Lawson Software Announces P...
West Basin Municipal Water Di...
Lawson Software and Dubai–B...
American Hospital Dubai Signs...
Lawson Reports on How Fashio...
Largest Philippine Nickel Minin...
Oldcastle Signs Multi–Suite Co...
Lawson Software Named to Fo...
The Christ Hospital Signs Softw...
Lawson Software Reports Seco...
Well–Designed User Interface i...
Viral Holiday Video from Lawso...
Lawson Software Announces Se...
Simpler Is Better
LAWSON
Smart Office
2008, Lawson Software. All rights reserved.
Product ID: 10.0.0.1433
© Lawson 2008
Save
View
Close
Communicator
Contacts
Channels
Find Contact
Show online users only
Brian Dunks
John Gledhill
Inbox
Has order 1234z been deliv...
You can change the name o...
ATE – 13.1
Version: 10.0.0.1433

M3 7.1 Decoupled M3 Technology and Smart Office interface

Introduced Country Versions

Copyright © 2022. Infor. All Rights Reserved. infor.com

M3 | WORLD VIEW – December 2021, representing 92% of the global GDP

Americas

- Argentina
- Bahamas
- Bolivia
- Brazil*
- Canada
- Cayman Island
- Chile
- Colombia
- Ecuador
- Guatemala
- Honduras
- Mexico
- Panama
- Peru
- Puerto Rico
- USA

Europe

- Austria
- Belgium
- Bulgaria
- Croatia
- Czech Republic
- Denmark
- Finland
- Estonia
- France
- Germany
- Greece
- Hungary
- Ireland
- Italy
- Latvia
- Lithuania
- Luxembourg
- Monaco
- Netherlands
- Norway
- Poland*
- Portugal
- Romania
- Russia*
- San Marino
- Serbia
- Slovakia
- Slovenia
- Spain
- Sweden
- Switzerland
- Ukraine
- United Kingdom

Africa

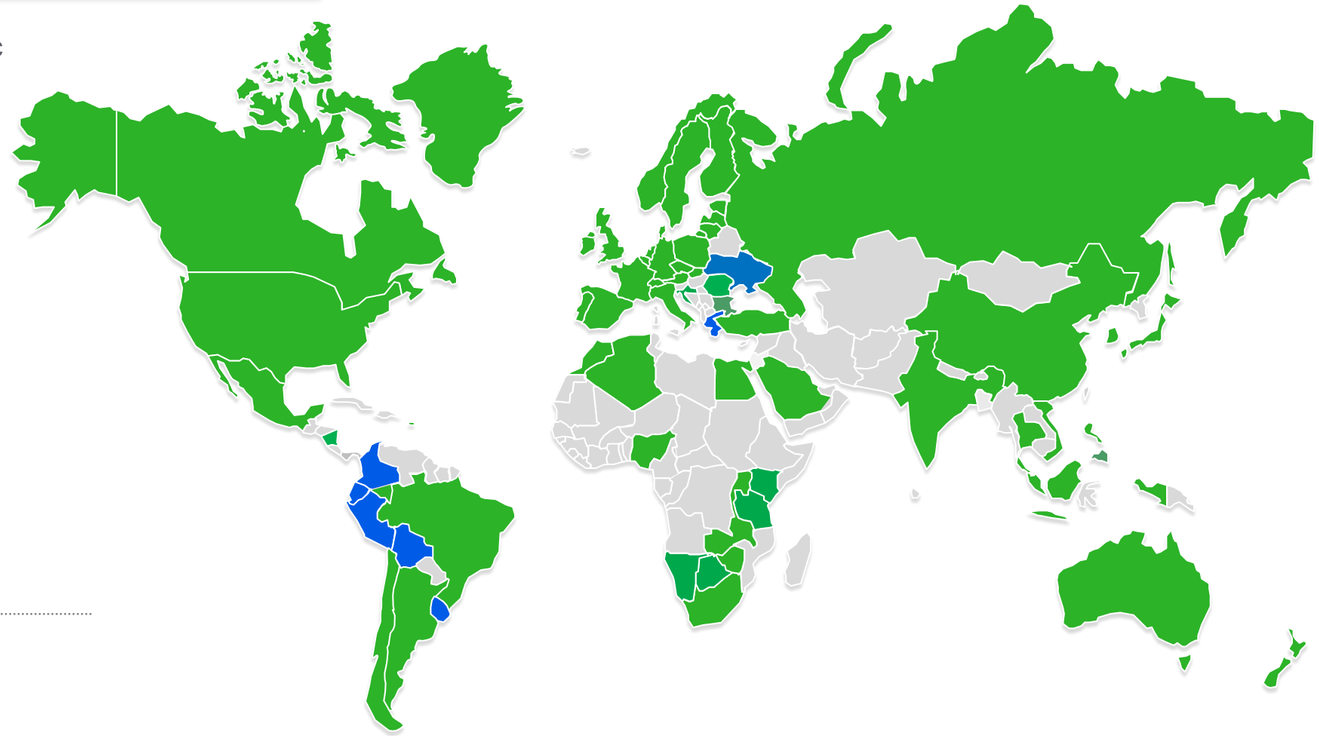
- Algeria
- Botswana
- Egypt
- Kenya
- Namibia
- Nigeria
- Morocco
- South Africa
- Tanzania
- Zambia
- Zimbabwe

Asia / Pacific

- Australia
- China
- Hong Kong
- India
- Indonesia
- Japan
- Malaysia
- New Zealand
- Philippines
- Singapore
- South Korea
- Taiwan
- Vietnam
- Thailand

Middle East

- Israel
- Qatar
- Saudi Arabia
- Turkey
- United Arab Emirates



68 GENERAL AVAILABLE COUNTRIES

4 COUNTRIES IN DEVELOPMENT PLAN

7 COUNTRIES ON ROADMAP

* Not localized for Service order, project order and maintenance order

Languages

- Arabic
- Bulgarian
- Chinese - Simplified
- Chinese -Traditional
- Czech
- Croatian
- Danish
- Dutch
- English
- Estonian
- Finnish
- French
- German
- Greek
- Hebrew
- Hungarian
- Italian
- Japanese
- Korean
- Latvian
- Lithuanian
- Norwegian
- Polish
- Portuguese
- Romanian
- Russian
- Serbian
- Slovene
- Spanish
- Swedish
- Thai
- Turkish
- Ukraine
- Vietnamese

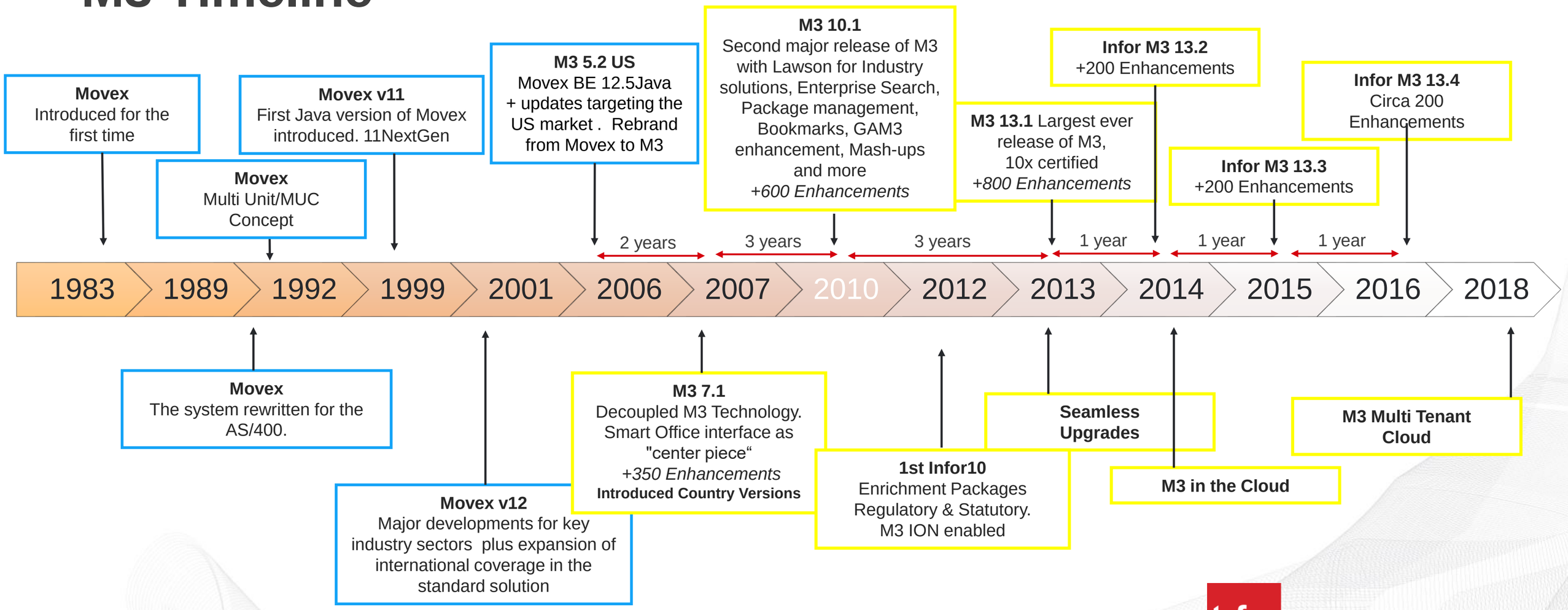
32 GENERAL AVAILABLE LANGUAGES

0 LANGUAGES IN DEVELOPMENT PLAN

2 LANGUAGES ON ROADMAP

Copyright © 2020. Infor. All Rights Reserved. Infor.com

M3 Timeline



intentia → 2005 → LAWSON → 2011 → infor

Copyright © 2020. Infor. All Rights Reserved. www.infor.com

M3 10.1

Second major release of M3 with Lawson for Industry solutions, Enterprise Search, Package management, Bookmarks, GAM3 enhancement, Mash-ups and more *+600 Enhancements*

Copyright © 2020. Infor. All Rights Reserved. www.infor.com

Infor kjøper Lawson i April 2011

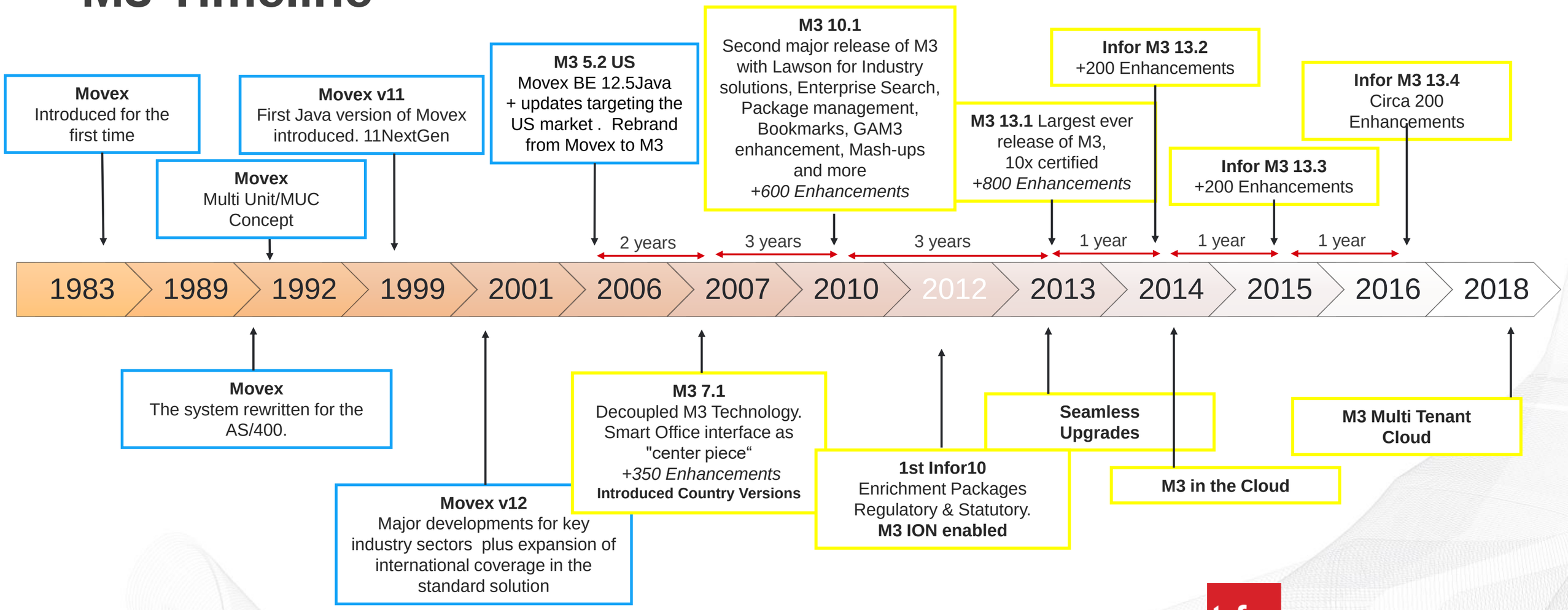
Infor's Plot in the ERP Graveyard

- If you haven't seen the ERP Graveyard, take a look. Infor makes Oracle look lazy where ERP acquisitions are concerned. **The "Graveyard" moniker isn't quite fair, as many of these ERP systems are alive and well**. Many others are Walking Dead that haven't been updated in years. Still others are truly dead - long since abandoned by customers.

- **Infor has a tough task deciding which ERP systems to keep moving forward and which to let go of without pushing customers away.**

Copyright © 2020. Infor. All Rights Reserved. www.infor.com

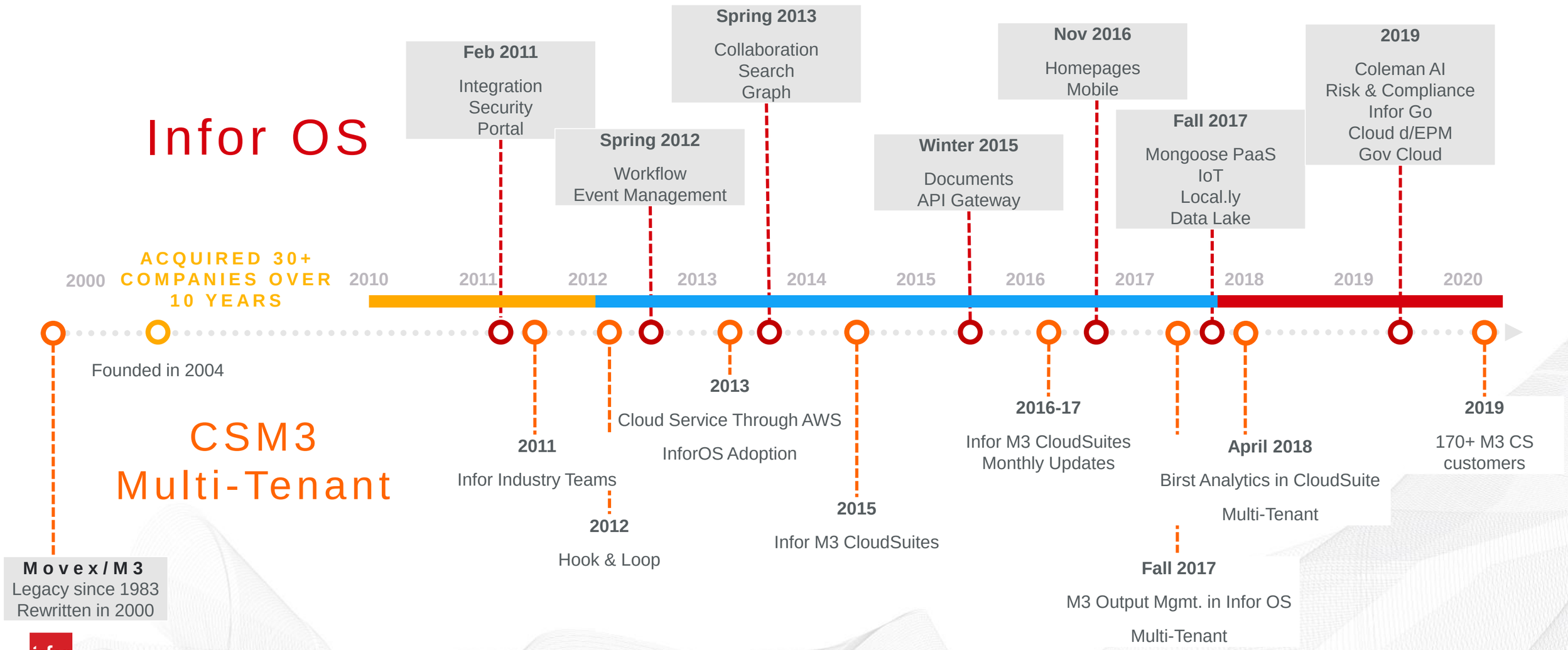
M3 Timeline



intentia → 2005 → LAWSON → 2011 → infor

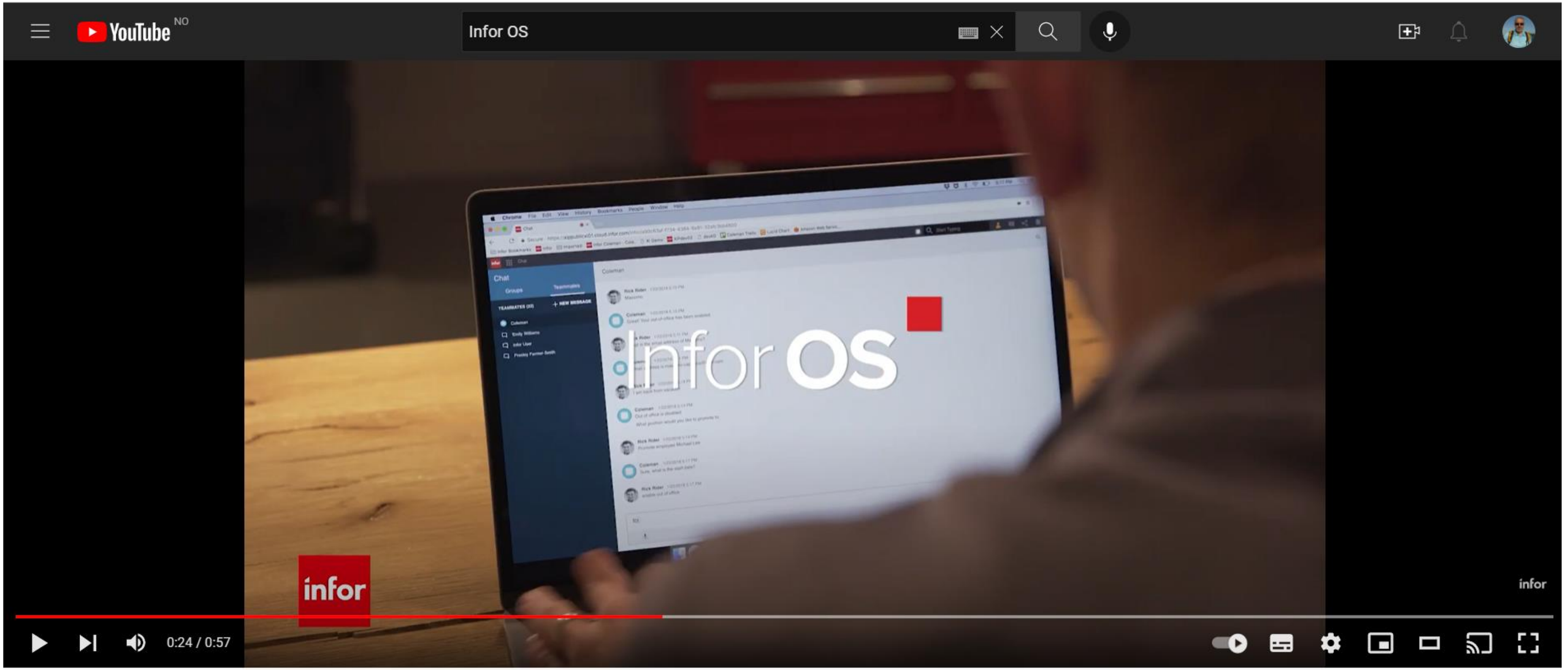
Copyright © 2020. Infor. All Rights Reserved. www.infor.com

CloudSuite M3 Milestones



Copyright © 2020. Infor. All Rights Reserved. www.infor.com

Infor has invested more than 3 billon dollars in this digitalization platform



Copyright © 2020. Infor. All Rights Reserved. www.infor.com

Infor Technology

4,37k abonnenter

ABONNERER

START VIDEOER SPILLELISTER FELLESSKAP KANALER INFO

Opplastinger

SORTÉR ETTER

Innovation Showcase: Combilift increases uptime...

Sett 358 ganger • for 6 døgn siden

External access to Data Lake APIs through Postman

Sett 253 ganger • for 13 døgn siden

How to upload files to IDM using ION

Sett 530 ganger • for 2 uker siden

Infor TechTV Live - Builder Hour: ION Workflows

Sett 2,5k ganger • Strømmet for 3 uker siden

Innovation Showcase: Vallen reduces total cost of...

Sett 664 ganger • for 3 uker siden

Advanced Queries in Infor Document Management

Sett 236 ganger • for 1 måned siden

Infor Technology
4,37k abonnenter

ABONNERER

Your cloud operating platform for the future, designed to bring productivity, business processes and Artificial Intelligence together, and offer operational insights that were never accessible to a business before. The platform delivers technology that goes beyond enabling business—it drives it, putting the user at the center of every experience, and serving as a unifying foundation for your entire business ecosystem. The result is a connected, intelligent network that automates, anticipates, predicts, and informs your stakeholders, unifying your business.

SUBSCRIBE TO THIS CHANNEL: https://www.youtube.com/c/InforTechno...

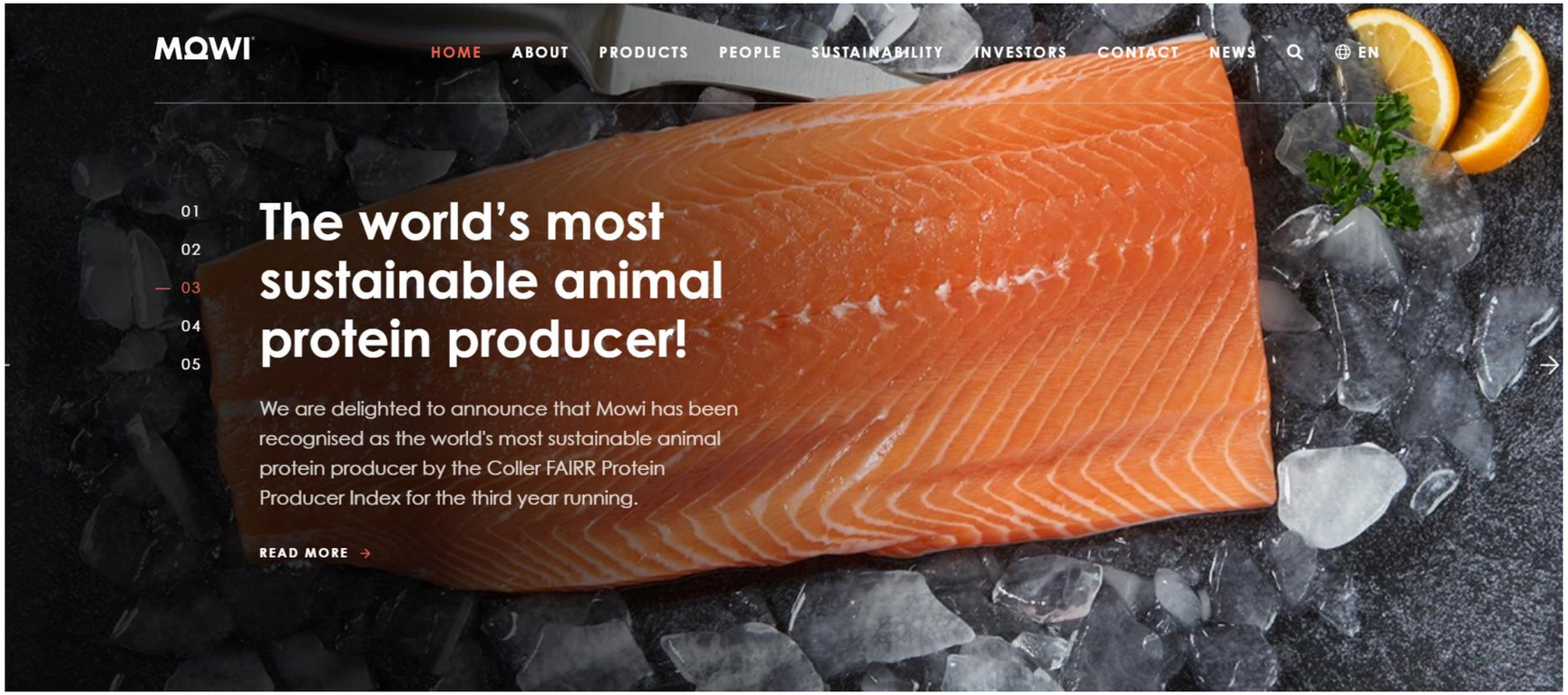
More from Infor Technology:
For more news subscribe to our blog: https://technology-blog.infor.com
For more in depth training subscribe to Infor Campus: https://campus.infor.com
For more information regarding Infor OS, Coleman, and Birst: https://www.infor.com/technology
Infor Technology Community Forums: https://community.infor.com

#Infor #InforOS #PlatformTechnology #iPaaS #EnterpriseIntegration #EnterpriseAI #EnterpriseData

Copyright © 2020. Infor. All Rights Reserved. www.infor.com

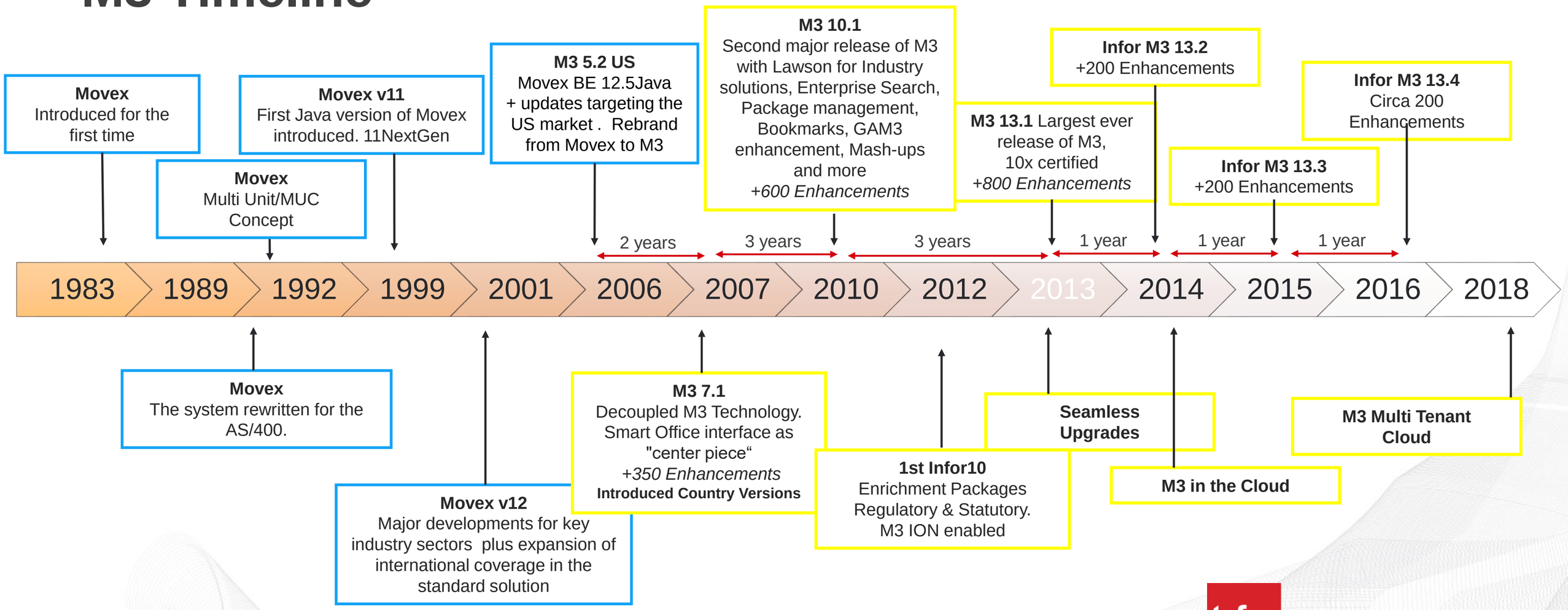
Første CloudSuite Food & Beverage ST i Norge 2012

- Marine Harvest nå Mowi



Copyright © 2020. Infor. All Rights Reserved. www.infor.com

M3 Timeline



intentia → 2005 → LAWSON → 2011 → infor

Copyright © 2020. Infor. All Rights Reserved. www.infor.com

Infor M3 investment highlights in the Distribution Industry

	2013	2014	2015	2016
13.4				• New rental price simulation • Migration from Service Orders • Rental price simulation • Buy Back of Equip based on PO • Mass update of rental lines
13.3			• Target Buying capabilities • Price Margin Simulation • Enhanced Trade promotions • Flexible Quotes within Counter Sales for Distribution	• Target Buying capabilities • Price Margin Simulation • Enhanced Trade promotions • Flexible Quotes within Counter Sales for Distribution
13.2		• New version of Counter sales, improved search & cash-desk • Freight Cost & Charge Mgmt • Inventory Sharing • Supplier Rebate on CO's	• New version of Counter sales, improved search & cash-desk • Freight Cost & Charge Mgmt • Inventory Sharing • Supplier Rebate on CO's	• New version of Counter sales, improved search & cash-desk • Freight Cost & Charge Mgmt. • Inventory Sharing • Supplier Rebate on CO's
13.1	• Prepayment Control (Hold) Customer order • Special Promotional Pricing for CPG distribution, Ship & Debit • Supplier Exchange integration	• Prepayment Control (Hold) Customer order • Special Promotional Pricing for CPG distribution, Ship & Debit • Supplier Exchange integration	• Prepayment Control (Hold) Customer order • Special Promotional Pricing for CPG distribution, Ship & Debit • Supplier Exchange integration	• Prepayment Control (Hold) Customer order • Special Promotional Pricing for CPG distribution, Ship & Debit • Supplier Exchange integration

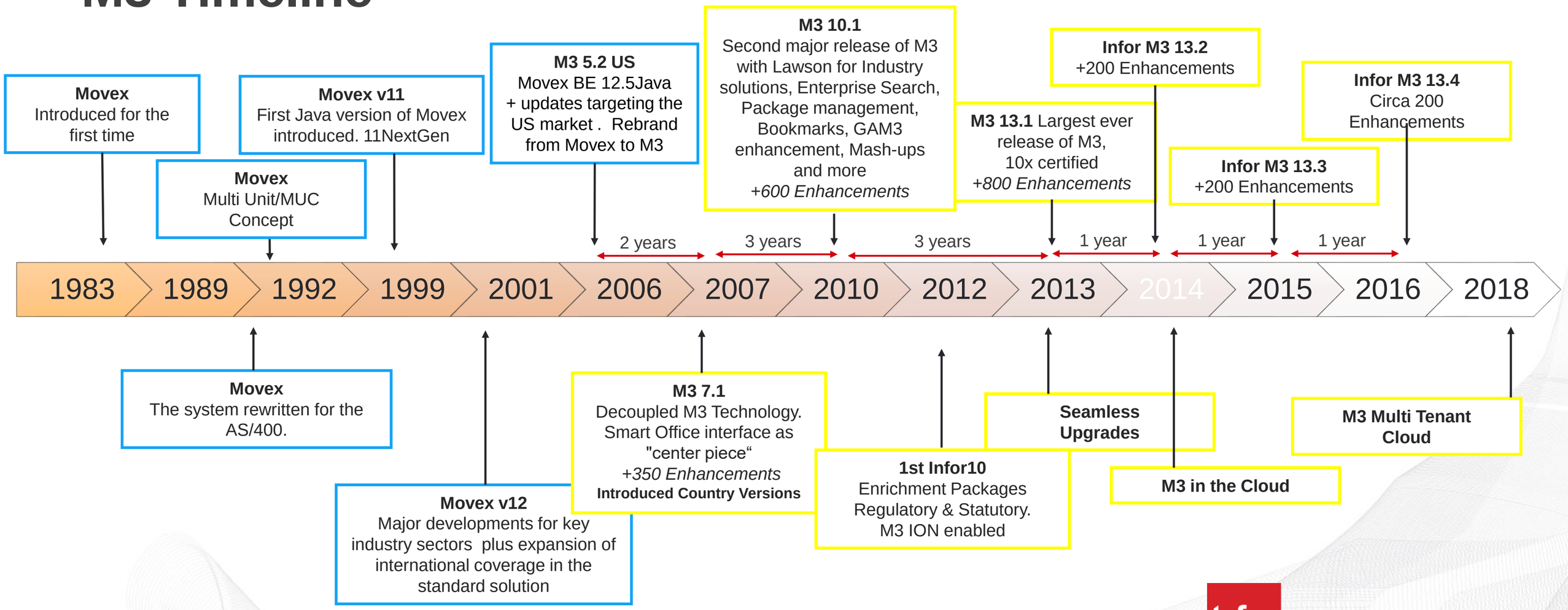
INTEGRATIONS
PLM Optiva, M3 CLM, Supplier Exchange, Infor BI, Infor dEPM, Infor e-commerce, Infor SCE/WMS, Infor CPQ, Fashion PLM, Advanced Planner, Infor EAM, Demand+, Infor EDI, Factory Track for M3WM, GT Nexus

UX
Xi Role Based Home pages, H5 Client, ION platform, Workflows & Alerts, Widgets, BI

New Countries
Vietnam, Lithuania, Russia, Turkey

Copyright © 2018. Infor. All Rights Reserved. (50)

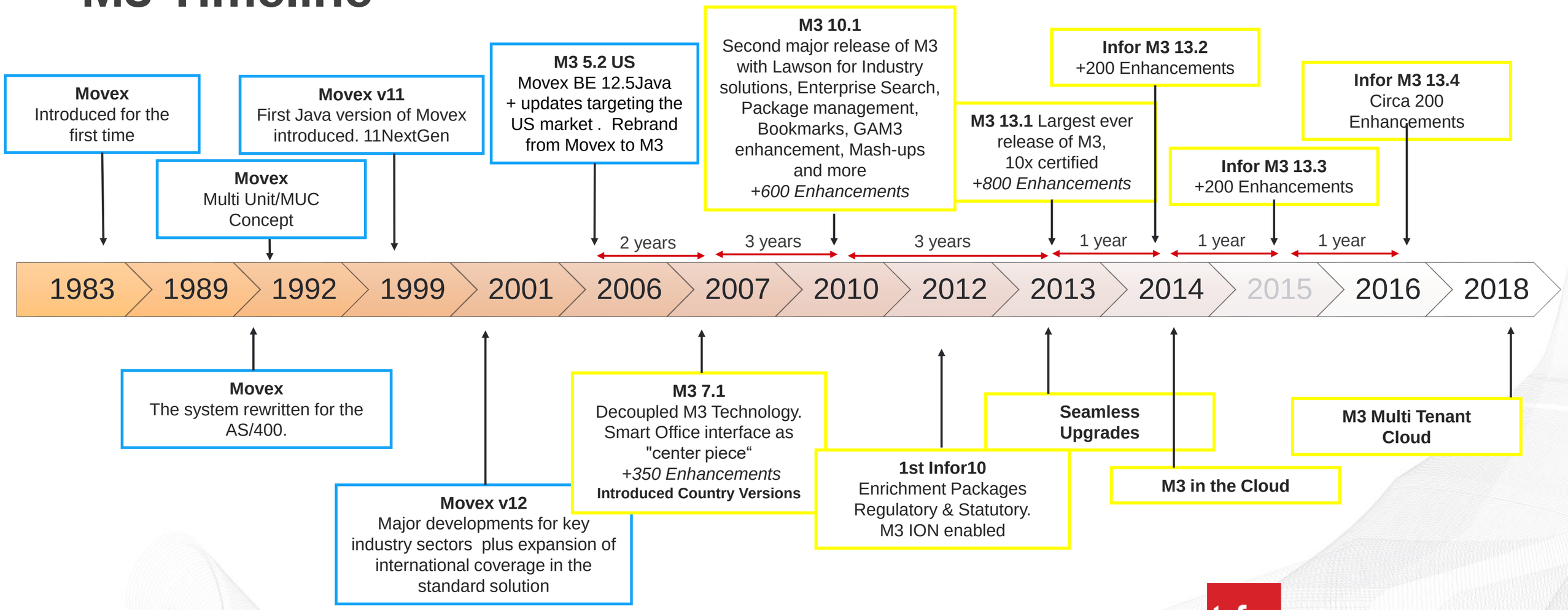
M3 Timeline



intentia → 2005 → LAWSON → 2011 → infor

Copyright © 2020. Infor. All Rights Reserved. www.infor.com

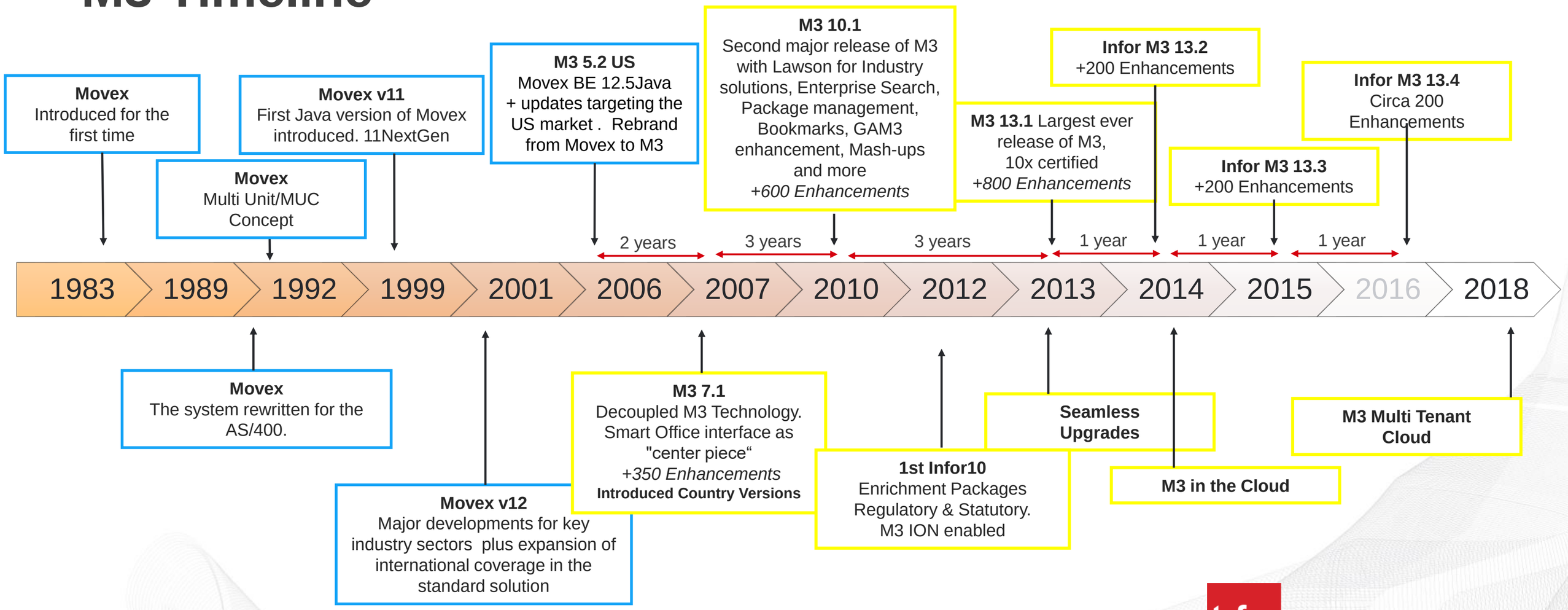
M3 Timeline



intentia → 2005 → LAWSON → 2011 → infor

Copyright © 2020. Infor. All Rights Reserved. www.infor.com

M3 Timeline



intentia → 2005 → LAWSON → 2011 → infor

Copyright © 2020. Infor. All Rights Reserved. www.infor.com

Infor M3 investment highlights in the F&B and Chemical Industry

2013	2014	2015	2016	
			• Version handling of Product • Alternate Processes • Item Pack concept • Sub-Lot Management	13.4
		• Grower Contract Management • Inbound Freight Costing • Shipment tests. • Rules based COA-configuration • Full-screen multi-MO-reporting	• Grower Contract Management • Inbound Freight Costing • Shipment tests. • Rules based COA-configuration • Full-screen multi MO-reporting	13.3
	• Customer Channels • Lot blending and tank cleaning • New Quality management Freight/Transport t (Outbound) • Interface to Infor AP	• Customer Channels • Lot blending and tank cleaning • New Quality management Freight/Transport t (Outbound) • Interface to Infor AP	• Customer Channels • Lot blending and tank cleaning • New Quality management Freight/Transport t (Outbound) • Interface to Infor AP	13.2
• PLM Process integration v2 • Graphical Lot Tracker • Shelf-life management • Lot Rotation/Aging improvement • Ultra Fresh Food Planning	• PLM Process integration v2 • Graphical Lot Tracker • Shelf life management • Lot Rotation/Aging improvement • Ultra Fresh Food Planning	• PLM Process integration v2 • Graphical Lot Tracker • Shelf life management • Lot Rotation/Aging improvement • Ultra Fresh Food Planning	• PLM Process integration v2 • Graphical Lot Tracker • Shelf life management • Lot Rotation/Aging improvement • Ultra Fresh Food Planning	13.1

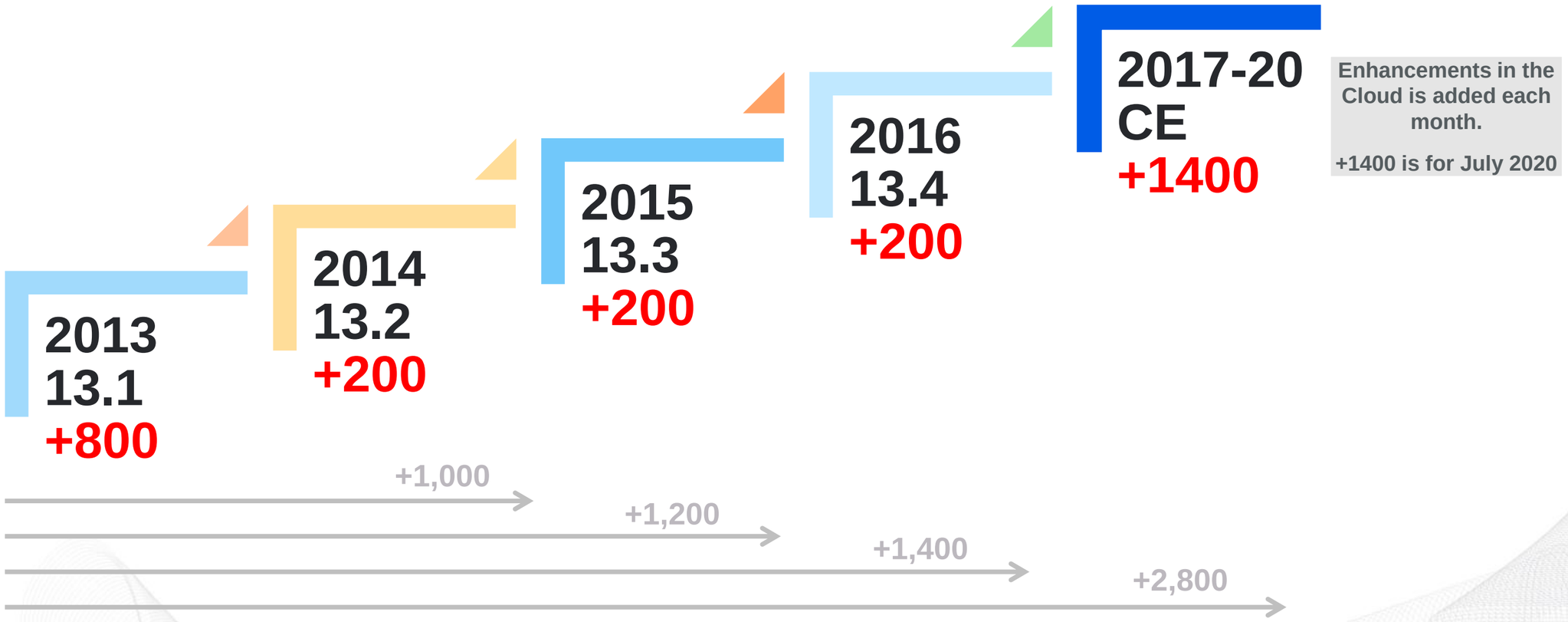
INTEGRATIONS
PLM Optiva, M3 CLM, Supplier Exchange, Infor BI, Infor dEPM, Infor e-commerce, Infor SCE/WMS, Infor CPQ, Fashion PLM, Advanced Planner, Infor EAM, Demand+, Infor EDI, Factory Track for M3WM, GT Nexus

UX
Xi Role Based Home pages, H5 Client, ION platform, Workflows & Alerts, Widgets, BI

New Countries
Vietnam, Lithuania, Russia, Turkey

Copyright © 2018. Infor. All Rights Reserved. (54)

Enhancement Step Ladder



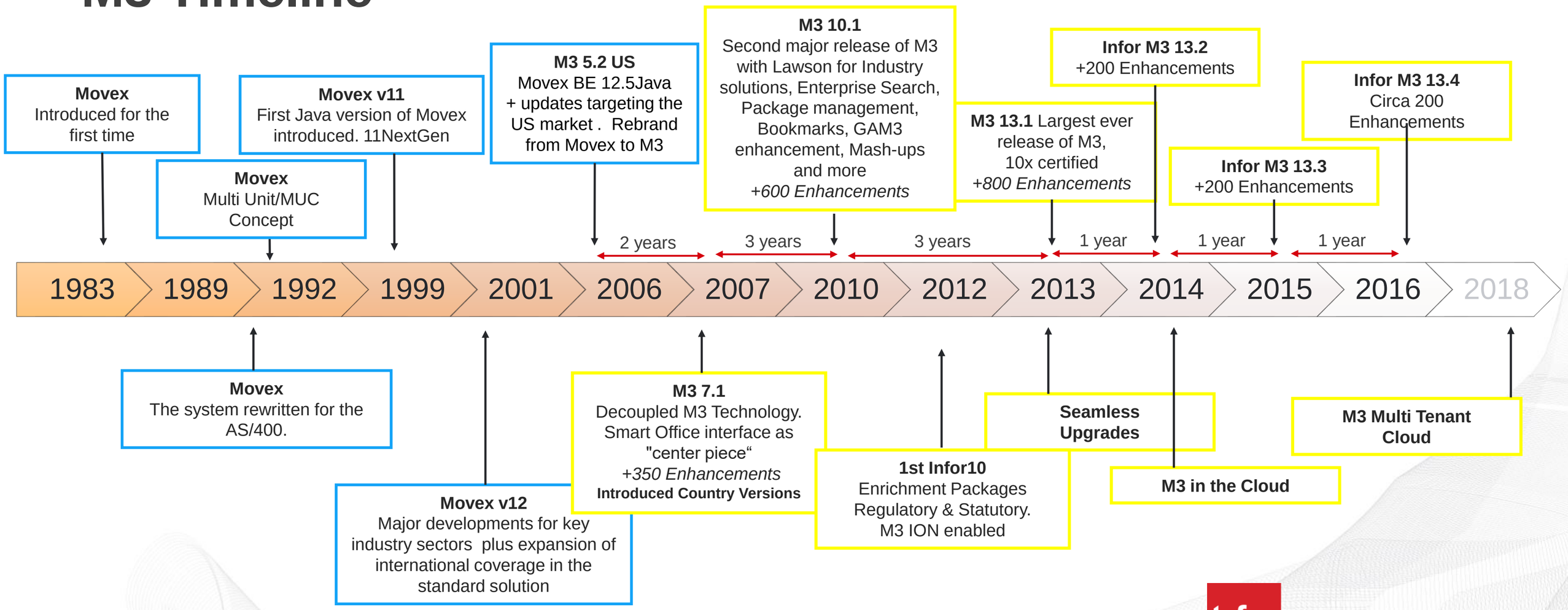
Enhancements in the Cloud is added each month.

+1400 is for July 2020

Number of enhancements over M3 10.1 released 2010

Copyright © 2020. Infor. All Rights Reserved. www.infor.com

M3 Timeline



intentia → 2005 → LAWSON → 2011 → infor

Copyright © 2020. Infor. All Rights Reserved. www.infor.com

Purpose built for food & beverage

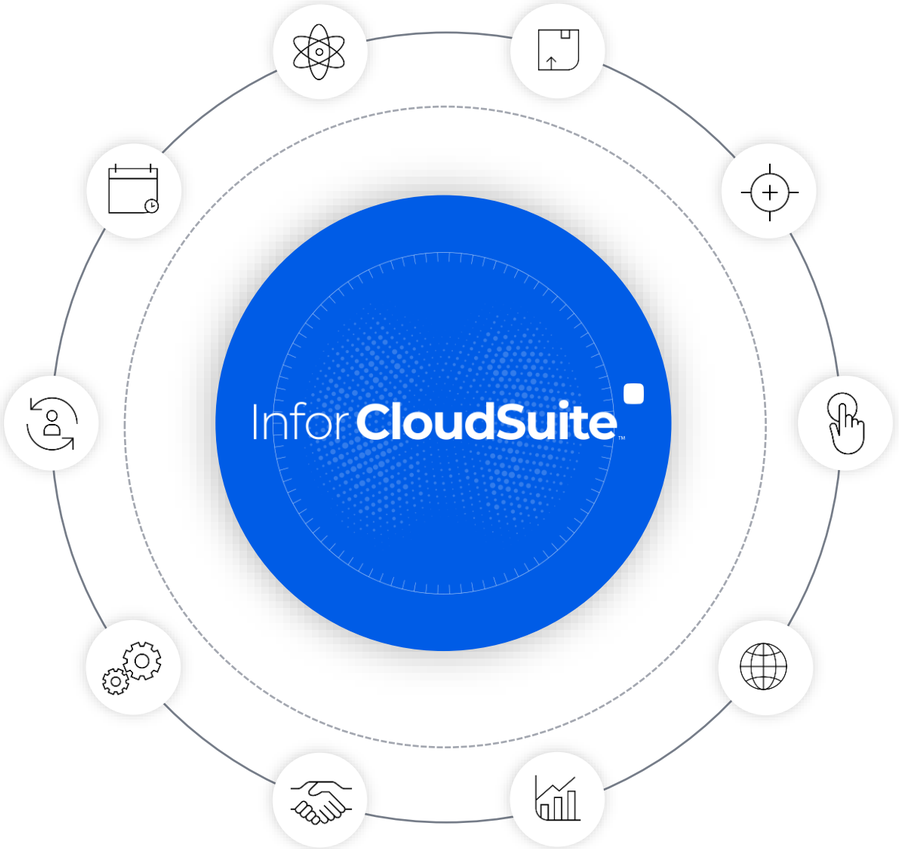
Enterprise resource planning
- Food & beverage specific industry cloud platform
- Deep micro-vertical capabilities for food & beverage
- Modern, smart and preconfigured
- Always on, always current, always secure

Factory track
- Mobility in the warehouse and in production

Track & trace
- Graphical track and trace with origin, variable lot and quality information
- Informed, targeted and fast recalls

Advanced planning & scheduling
- Forecasting with machine learning engine
- Supply chain planning balancing supply, capacity and demand
- Advanced production scheduling considering constraints including tank and silo capacity

Product lifecycle management
- Cross-functional product lifecycle management
- Regulatory compliance to safety standards, packaging, and labels requirements



Business intelligence
- Pre-defined food & beverage content
- Contextualized analytics and guidance
- Predictive analytics using machine learning

Manufacturing execution
- Infor MES, MES from the equipment provider or any other MES providing flexibility that fits your factories

Warehouse management
- Labor and task optimization
- 3D visualization of the warehouse
- Value added services and 3 PL billing

Enterprise asset management
- Condition based and predictive maintenance
- Connect equipment and IIoT sensors
- Asset performance management

Global freight management
- Freight spend and shipping performance optimization
- Global planning, control and execution
- Connect with 45,000 suppliers and 15,000 carriers
- Supply chain control tower for visibility

Human capital/workforce management
- Efficiently select and onboard best candidates
- Elevate workforce visibility, performance, and compliance
- Automate manual handling and administrative tasks

Copyright © 2020. Infor. All Rights Reserved. www.infor.com

Platform for innovation

Industry 4.0 innovation

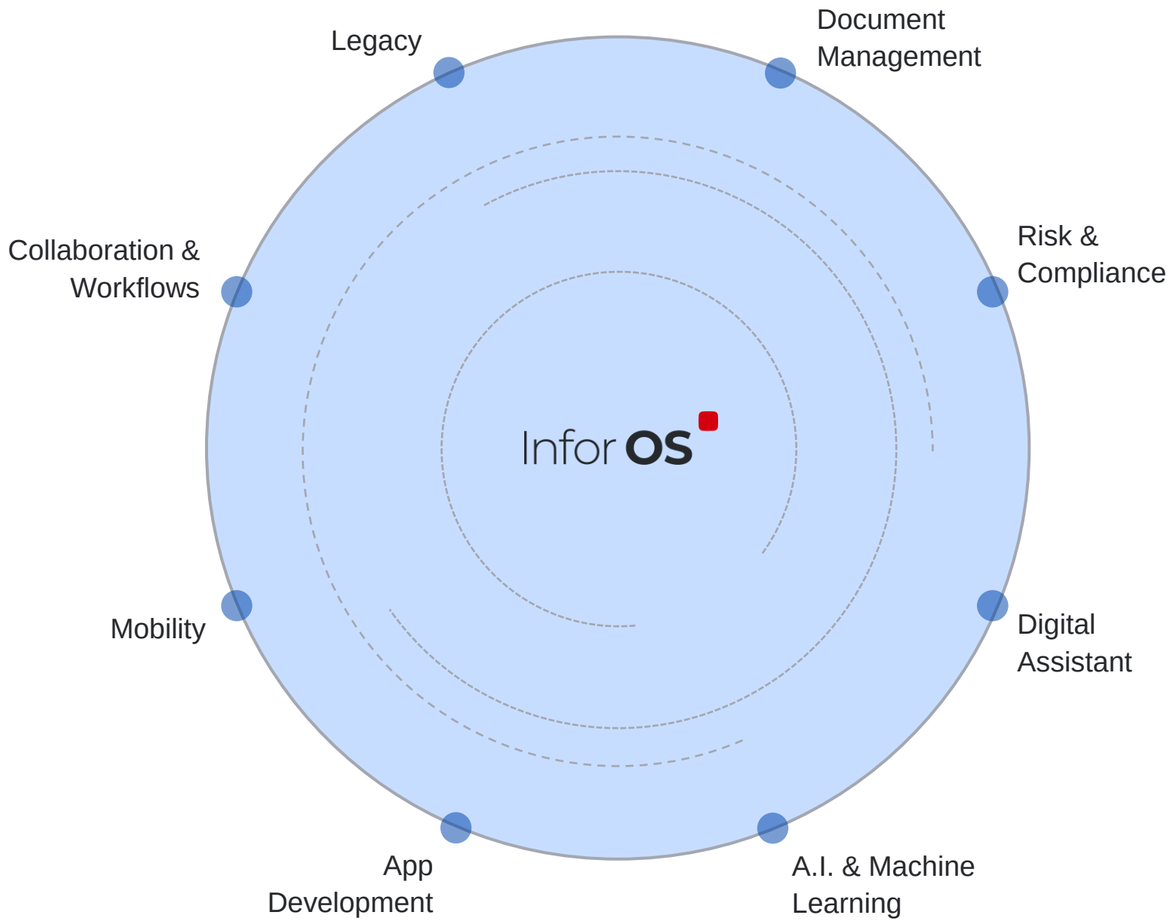
Store IIoT sensor readings in data lake for data-driven decisions and hyper automation

Open and secure

Leverage industry standards, open source and AWS infrastructure for resilience and security

Connect the entire ecosystem from farm to fork

Integrate with manufacturing execution systems and partners in the supply chain to achieve transparency



Copyright © 2020. Infor. All Rights Reserved. www.infor.com

Nordic Customers - CS Food & Beverage (MT)

Copyright © 2021. Infor. All Rights Reserved. infor.com

Refleksjoner - Salgsinnsats

- Movex salg til industribedrift i Fredrikstad
- Infor CloudSuite Food & Beverage salg i 2022
  - Paulig
  - Scandi Standard

Copyright © 2021. Infor. All Rights Reserved. infor.com


Thank you
infor
TM
infor
Designed for progress™