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HCL Digital Solutions Product Strategy – What's Next!
St.04, Room B 4-5

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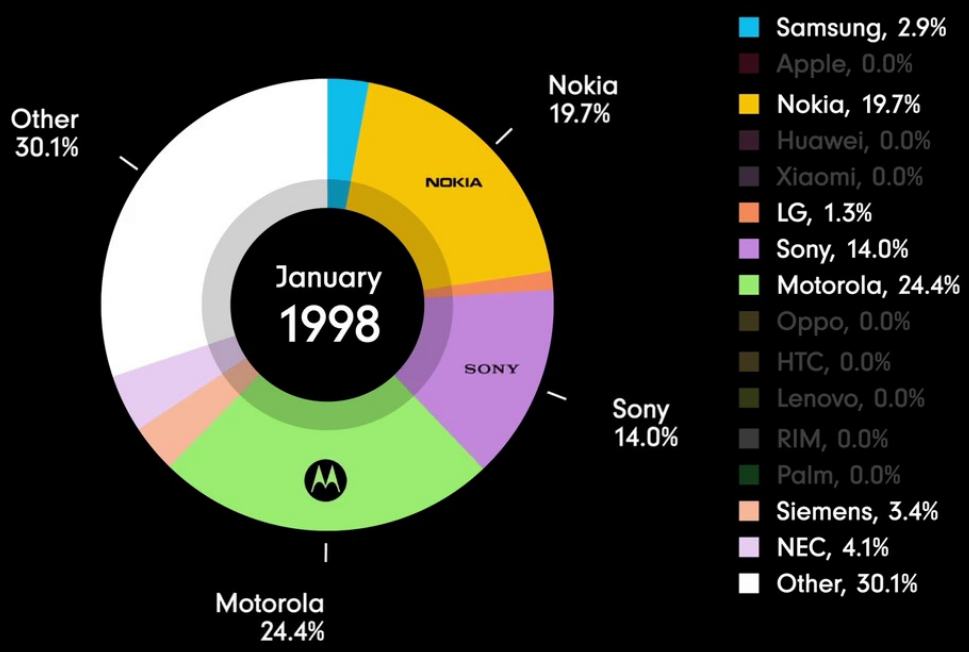
Change:

Mobile phone market over 30 years

Market share of mobile phone manufacturers



Source: Gartner, IDC, Financial filings

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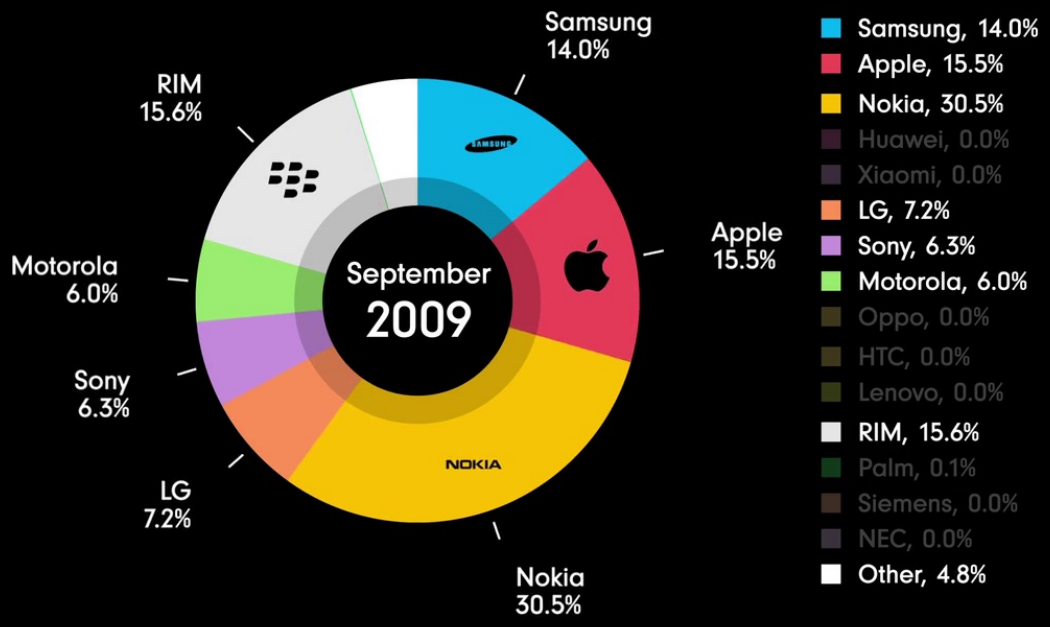

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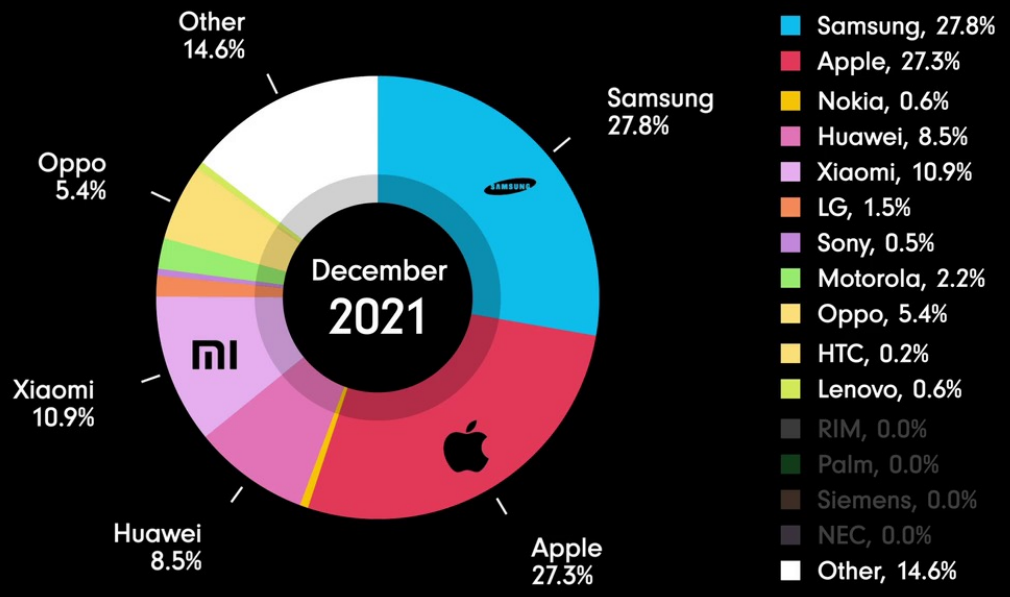

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Choice: Getting above the noise is harder

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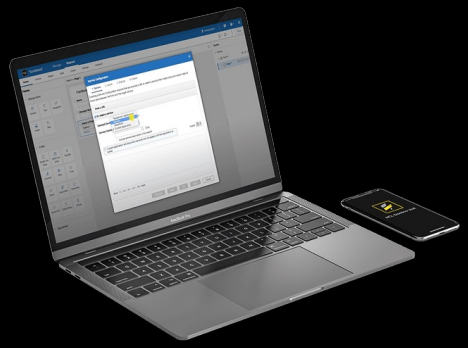
Context: What we hear from CIOs

- **Accelerate their digital innovation with less resources**
- **Simplify/modernize their software investments**
- **De-risk existing infrastructure & move to Cloud faster**
- **Use pool of widely available skilled resources**
- **Ensure continued security, data privacy and compliance**

HCL Digital Solutions Portfolio

Apps that run the Business



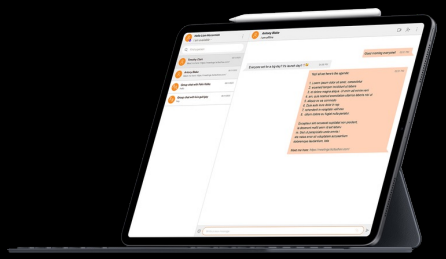
- **Domino App Dev**
- **Domino Email**
- **Low-code for Citizen Developers**
- **Digital Workplace**

- Domino
- Domino Volt
- Verse
- Nomad, Notes

- Sametime Premium
- Connections

Business-critical Digital Experiences

- **Low-code for Professional Developers**
- **DXP**
- **CX portfolio**



- Volt MX
- DX

- Unica
- Commerce
- Discover

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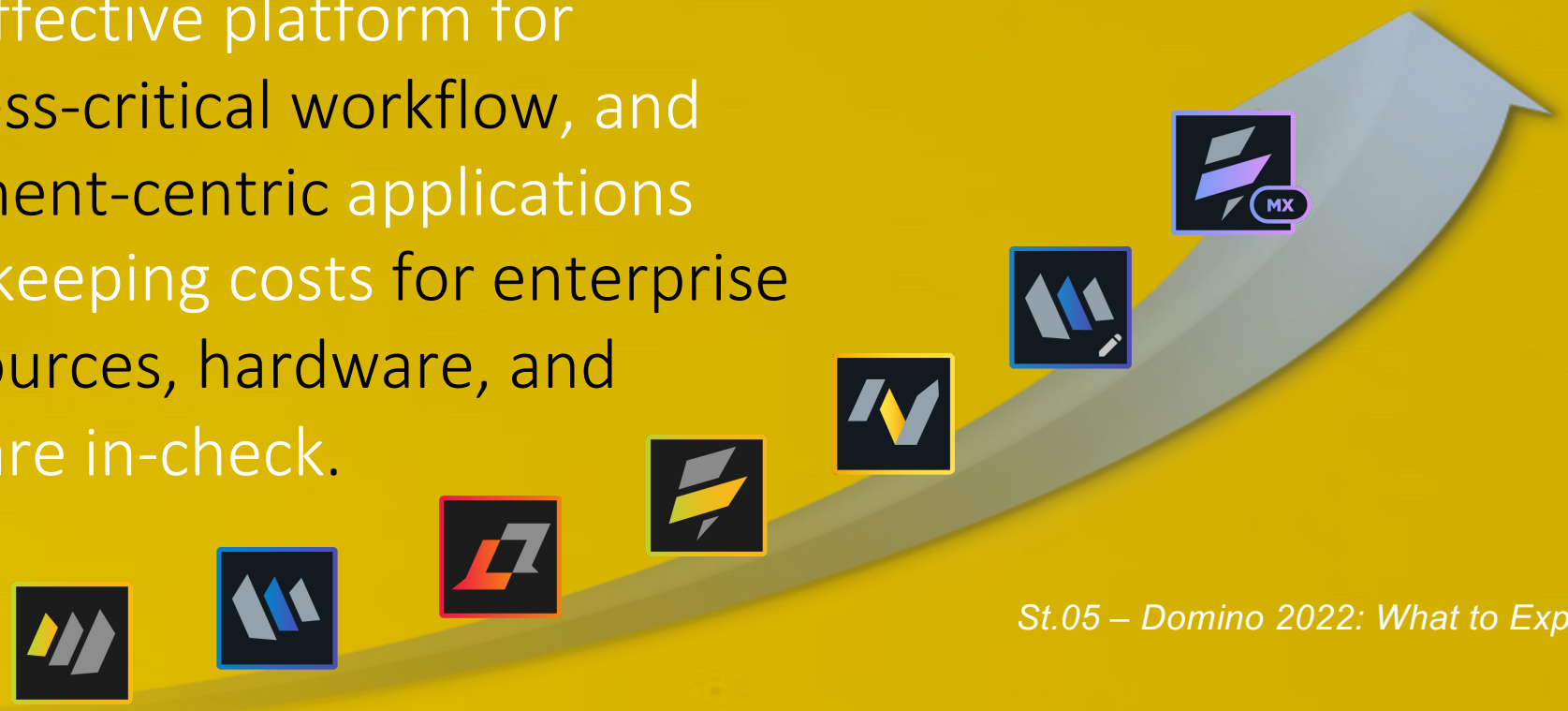
HCL Domino

Domino is the **most secure** and cost-effective platform for business-critical workflow, and document-centric applications while keeping costs for enterprise IT resources, hardware, and software in-check.

"Danube"
"Thames"
"Rio Grande"…



St.05 – Domino 2022: What to Expect

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Application Development Landscape

FREE access to the EAP for anyone with a current Domino subscription

Domino “Danube”

Domino Volt
- JavaScript

Designer IDE
- @Formula
- LotusScript
- JavaScript

Xpages
- JavaScript

Citizen Developer — **Full Stack Developer**

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Application Development Landscape

HCL Domino Leap

”To be rebranded in Q3”

Domino “Danube”

Domino Leap
- JavaScript

Designer IDE
- @Formula
- LotusScript
- JavaScript

Xpages
- JavaScript

Citizen Developer ⟷ **Full Stack Developer**

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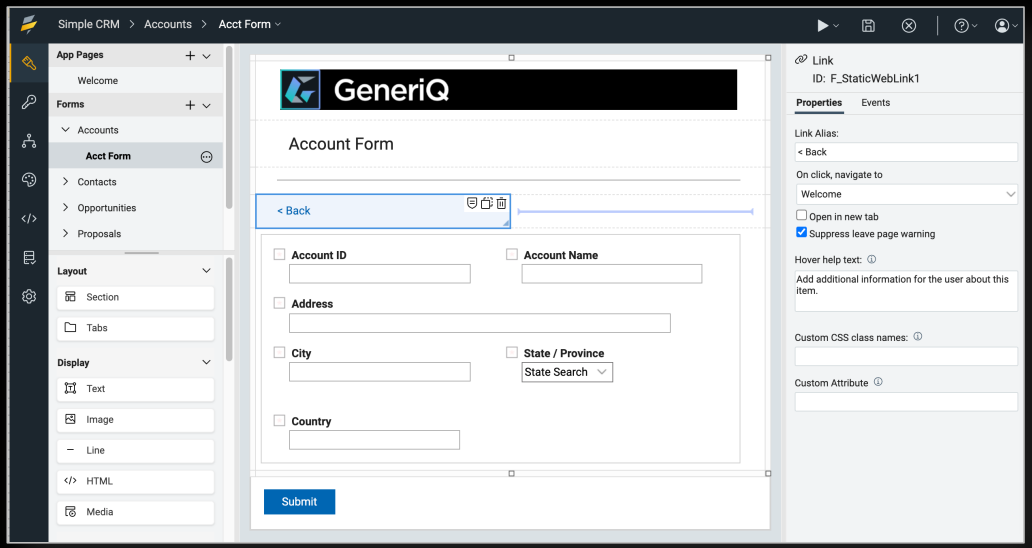
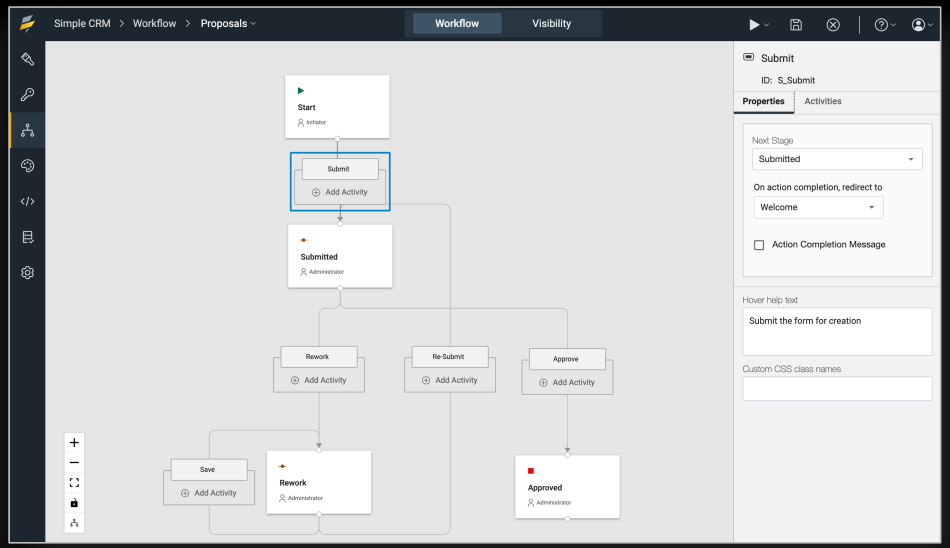
HCL Domino Leap

HCL Leap

De.14 – Workflow Wonders





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HCL Domino “Leap” v1.0.5 & Leap v9.3

Visual Workflow Design

Visual Design Canvas - click to ad workflow stages and actions directly to the visual canvas

Drag and Rearrange – directly manipulate the workflow diagram for achieve the presentation you are after

Edit In-Place – add titles and make changes without going to the properties panel

Improved Workflow Usability

Make Assignments – easier settings for assignments and permissions for each workflow stage

Send Notifications - clearer set up for sending emails

Specify Actions – with fewer click that occur for each transition of the workflow

No Code Data Grid Filters

New Filter Setting - which allows you point to fields on the page that drive filtering of the Data Grid

Combine Multiple Fields - for sorting with and / or conditions without writing JavaScript

De.14 – Workflow Wonders

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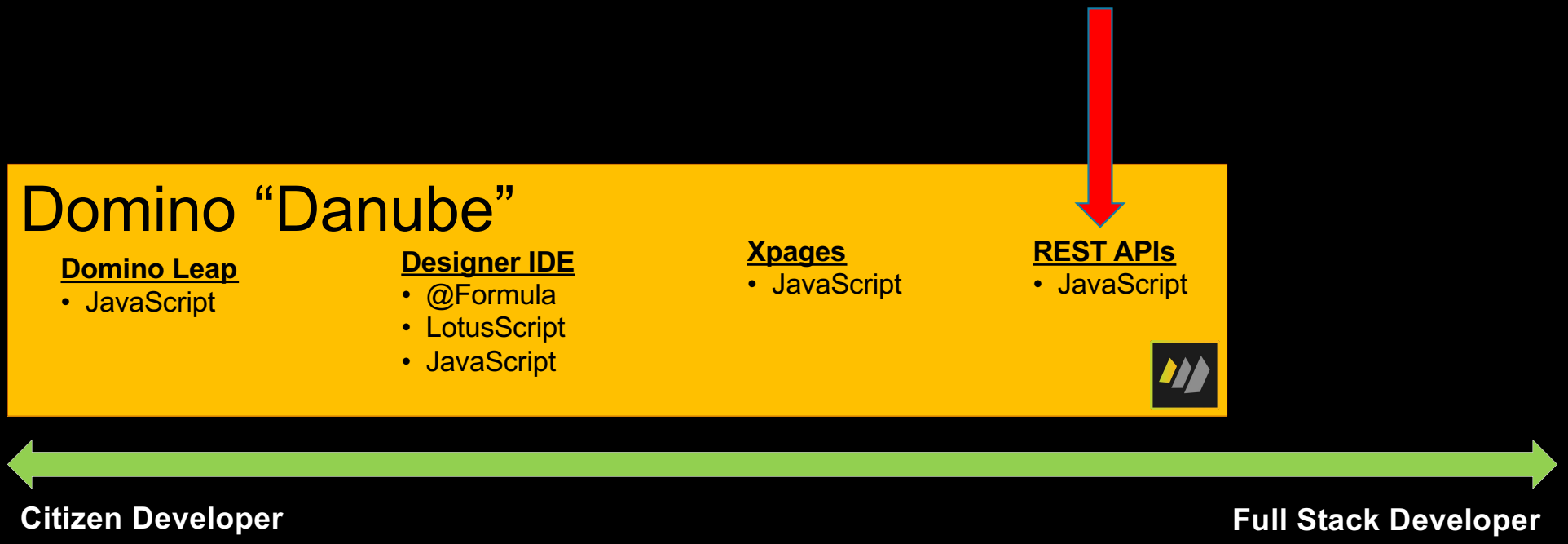
Application Development Landscape

- *Early access (EAP)* available starting **May 25, 2022**
- Entitled to all Domino CCB and CEO customers (non-Federal)
- Available on FlexNet in a prepacked, ready-to-use Docker container



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Application Development Landscape

DX

Site Manager/Design Studio IDEs
- JavaScript

Leap
- JavaScript

Domino “Danube”

Domino Leap
- JavaScript

Designer IDE
- @Formula
- LotusScript
- JavaScript

Xpages
- JavaScript

REST APIs
- JavaScript

Citizen Developer — **Full Stack Developer**

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Application Development Landscape

DX

Site Manager/Design Studio IDEs
- JavaScript

Leap
- JavaScript

Volt MX Go

- Foundry Adapter for Domino
- VoltFormula
- VoltScript

Client SDKs
- Native iOS Xcode
- Java Android Studio
- .Net (Visual Studio/)
- Cordova JS
- JavaScript

Domino “Danube”

Domino Leap
- JavaScript

Designer IDE
- @Formula
- LotusScript
- JavaScript

Xpages
- JavaScript

REST APIs
- JavaScript

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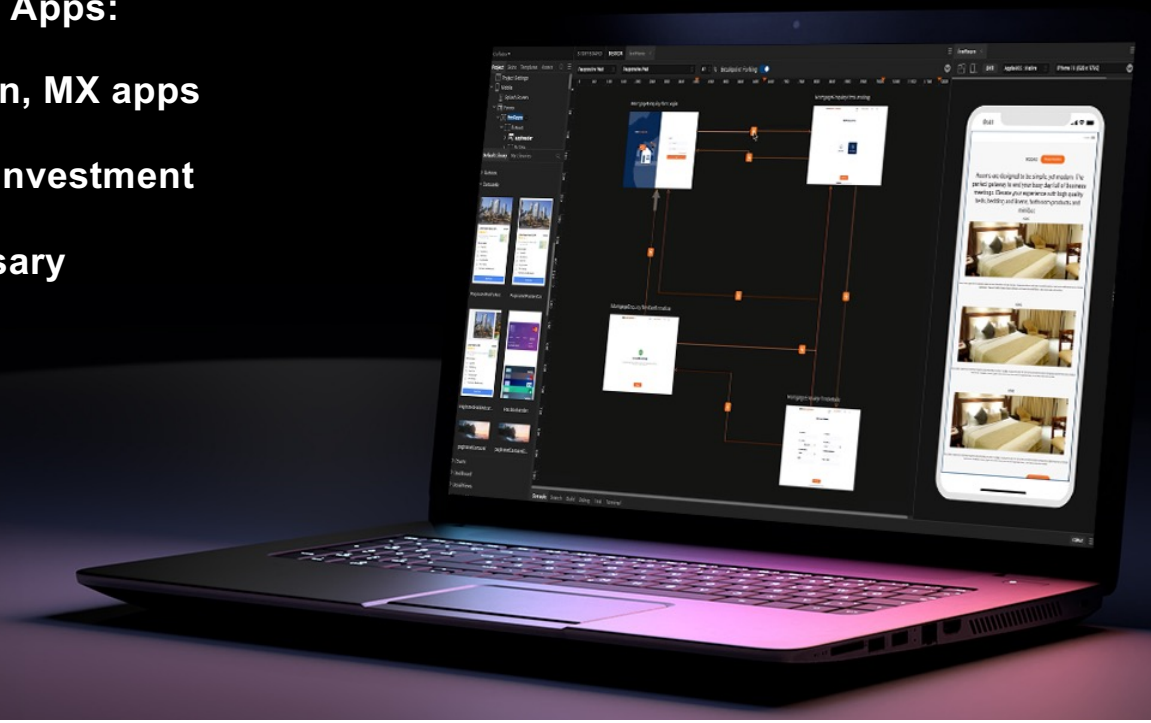
Extend Your Investment: Introducing HCL Volt MX Go

An enhanced Volt MX edition that uniquely unlocks the power of existing Domino Apps:

- **Enhance Domino apps into next-gen, MX apps**
- **Maximize your years of app & skill investment**
- **No rewrite of business logic necessary**
- **Your choice of deployment: Cloud, on-Premises or Hybrid**



Extend Your Investment with Volt MX Go

De07. Get to know Volt MX
De21. Pro-code. Get to know MX Go

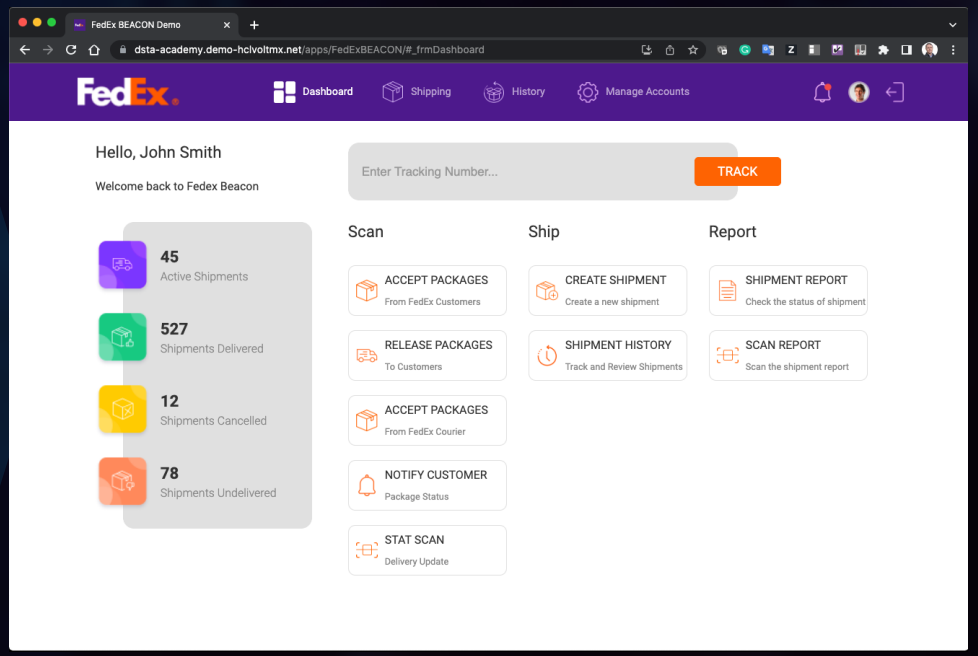
Volt MX

Go Extensions

- HCL Advisor Design Import
- Volt Foundry Adapter for Domino
- VoltFormula & VoltScript

Domino CCB

- Scheduled Agents
- Data



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Application Development Landscape – Summary

Low-code & Pro-code	Mid-Code	No-Code
Extend Your Investment Evolve your apps into next generation multiexperiences with Volt MX Go.	**Liberate Your Desktop** Easier app delivery with a small footprint using Nomad Web and your choice of Chrome & Firefox.	**Create Situation Apps** Business Users can build their own situation apps and workflows with Domino Volt from Excel, Domino data, forms and HCL Link.
Plug & Play with Your Enterprise Domino REST APIs that connect your apps into a broader IT landscape and open-source app dev tools.	**Restyle Your Apps*** Make your existing apps' UI visually look more modern with Restyle	

De.02 – Designer Jam
*De.11/12 – Restyle Hands-on**

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New Domino NextGen Jams

NextGen Agenda:

- Domino Designer
- Restyle
- Upgrade Best Practices
- Volt MX Go

Pilot event in Frankfurt - July 22

Starting in Sept 2022:

- Warsaw
- Paris
- Milan
- Tokyo
- Stockholm
- Berlin
- Prague
- Zürich
- Delhi
- Mumbai
- New York
- Toronto
- Madrid
- London
- Rio de Janeiro
- Sao Paolo
- Singapore
- Sydney
- Vienna

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Engagement is King: Every Channel Counts

80% prioritize improving customer engagement touchpoints by enabling mobile access to services

38% worry they are not investing fast enough…they report slow pipeline for content development

40% organizations adding 25% more digital sites over the next 2 years to handle their online traffic

85% will increase or not change Hyperautomation investment strategies over next 12 months

PERSONALIZATION | DIGITAL CONTENT, COMMERCE | APPLICATIONS & PROCESS

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The Customer Experience Counts

At the intersection of process, application. content and insight.

Channels

Customers

Partners

Members

Citizens

CX Experiences

Marketing

Data Capture

Onboarding

Contact-center / Support

Transact

HCL Commerce

Unica

HCL Discover

HCL Leap

Core Systems

Inventory & Pricing

Contract & 3rd Party Systems

Systems Integration (SOR)

Data Collection & Reporting

Maintenance & Support services

Regulatory Compliance

Orchestration & Data Integration

HCL Digital Experience

HCL Volt MX

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What value do DX customers get from MX?

HCL DX		Middleware		App Dev		Multiexperience
DAM & CMS Personalization Navigation Services SiteMgr & Design Studio Citizen Development PWA & WebAppBridge	+	Data Integration OOTB connectors Workflow & Business Rules Support for RPA	+	Notifications Geo-fencing Layout + Action Editor CI/CD Embedded testing	+	AR/VR/NLP… Native mobile, tablets & wearables Offline support Usage analytics Consistent design

Business Value

DX customers can →	Integrate Anything Faster with less code	Create Embedded Apps for DX	Replace their MobileFirst investments

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HCL DX 2022 Mid-Year Milestone

St.08. DX - why you, why now!

Integration Without Limits

Data Integration – Design Studio can use Volt Foundry's middleware & API management

DAM – staging to production

WCM & DAM – automated image tagging & content enrichment

DAM Extensibility – event-based custom functionality

Built for Growth

Helm – transparent, configurable Kube deployments

Cloud-native – rolling update, logging & metrics support

SoFy – externally-facing docker repository

v9.5 Package – consumption-based pricing & licensing built for Kube

Data-driven Design Experiences

Design Studio – full site support, JavaScript widgets & approvals workflow support

Page Editor – enhancements to lists, templates & symbols

Extensible Personalization – new APIs for rule management

Leap v9.3 – updated App Design & new Visual Workflow

Stellent Replacement | WEF Currency | NFR updates

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HCL Volt MX v9.5 – OND 2022

De.07 - Get to know Volt MX

Super/Micro Apps, No Limits Integration & Automation

Super/Micro apps – modular development that's easier to extend and maintain

Offline Apps – enhancements for native apps and PWAs

Volt IQ – AI-assisted translations & design-time optimizations in Volt Iris

Workflow – callable API & support for complex parallel workflow use cases

High-fidelity Mobile & Multi-Experiences on ANY device

Windows App Dev – support for Windows 10 native binaries

iOS 16 & Android 13 – support for the latest OS releases

App Viewer for Tablets – enable quick preview & testing

Ecma 6 – support for latest JavaScript release

App Testing – enhancements to externalize test input & cross application testing

Open Development & Deployment

HCL SoFy – enabling container-based preview in GCP

Windows App Dev – using Windows ARM laptops & Win 11

Apple App Dev – support for Apple Monterey OS & M Series Macs

Angular App Dev - embed Volt MX widgets in Angular-based websites

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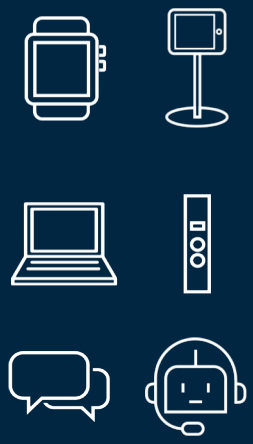
The Employee Experience Counts

At the intersection of process, application. content and insight.

Channels



Employees

Partners

Gig Workers

Contractors

EX Experiences

Secure Collaboration

Secure Email

Secure Video Meetings

Secure Chat

HCL Domino

HCL Sametime

HCL Connections

HCL Domino Leap

Core Systems

Inventory & Pricing

Contract & 3rd Party Systems

Systems Integration (SOR)

Data Collection & Reporting

Maintenance & Support services

Regulatory Compliance

Orchestration & Data Integration

HCL Digital Experience

HCL Volt MX

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HCL Domino “Danube” – OND-2022

Better Looking Apps

Domino Restyle - make your existing apps’ UI visually look more modern

Apply themes or update colors - in a single Domino application or many at once

Enhanced Mail Security

ICAP support – enables server-based Antivirus protection

DKIM Inbound - ensures emails are not altered in transit between the sending and recipient server

Sender Policy Framework - coupled with DMARC, provides protection against email spoofing used in phishing and email spam

Easy Meeting Scheduling

Save time - know ahead of time when co-workers are free to meet irrespective if they are using Microsoft or Domino

Co-existence – helps with the transition of customer mail solutions to Domino; also helps organizations through mergers and acquisitions

De.02 – Designer Jam
St.05 – Domino 2022: What to Expect
Ro.01 – Domino Mail

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HCL Sametime Premium v12

Customize Your Meeting Experience

Branded & Personalized Meetings - company branding and personal preferences

Meeting Reports – Attendance, summary and full report

Meeting Pre-join experience – Test devices, set virtual background, & join options

Make Good Security Decisions Every Time

Meeting Modes – predefined: Collaboration, Confidential and Lecture

Click to Call - option in chat for private conversations

Enhanced Security - Waiting Room, Member Management, & Restricted Meetings

Lower the TCO of Your Private Meetings

Fully Containerized solution – Fast cloud-native deployment on your platform of choice

Reduced infrastructure footprint - Multiple recorders and video bridges on a single server

Improved Scaling and Geo distribution - Meetings can span multiple video bridges

St.07 – Sametime v12 Launch
Ro.06 – Sametime Roundtable
Ad14/15 - Design Workshop

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HCL Connections v8 – OND-2022

Improved Usability: Fewer Clicks, Intuitive Experience

Faster Navigation – Intuitive, modern navigation and design saves clicks, improves adoption

Prominent Search/Sharing – always-present for instant results and one-click sharing

Easy Customization – Allows for customer customization while maintaining consistency across the DS portfolio

Supercharged Search & Search Results

Streamlined Search UI – adhering to industry best practices

Recent Searches and Quick-Results – Immediately find the content, communities and people you are looking for

Clear Results – Simplified filtering ensures relevant results are easy to find

Increased Collaboration with Universal Upload & Share

One-click Access on Every Page to:

- Upload and share a file
- Share content inside Connections or through third party services (e.g., Sametime, Teams)

St.03 – HCL Connections Roadmap

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Digital Solutions Roadmap – May 24, 2022

	JFM 2022	AMJ 2022	JAS 2022	OND 2022	JFM 2023
HCL Domino	-	-	-	Domino “Danube” ★	-
HCL Digital Experience	DX CR New Pricing & BOM	Mid-Year Milestone ★	CR	CR	CR
HCL Sametime HCL Connections		Sametime v12 ★	-	Connections v8 Sametime “Eifel” ★	-
HCL Domino Volt HCL Leap	Domino Volt v1.0.5 ★	Leap v9.3 ★	Domino Leap v1.0.6 ★	CR	CR
HCL Volt MX	Quantum v8.4	Quantum v9.2	-	Volt MX v9.5 ★	-

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In Summary:

HCL Digital Solutions

- Expect continued change in the market landscape
- Select the solution that fits your needs
- Alignment & Integration – CX & EX (Secure Collaboration)
- Exciting new innovation in app development
- Continued commitment to #dominoforever

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Questions
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