

Systems Strategy Overview

Paul Maritz
Senior Vice President
Systems Division
Microsoft Corporation

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Plaintiff's Exhibit

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Comes V. Microsoft

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Windows Family Framework Summary

- ♦ Maintain, now and in the future, a family of complementary Windows implementations to meet needs of the key customer segments
- ♦ Keep API, UI commonality (where appropriate)

**"Corporate,
Mission Critical
Windows"**



**"Personal
Windows"**



**"Non-PC
Windows"**



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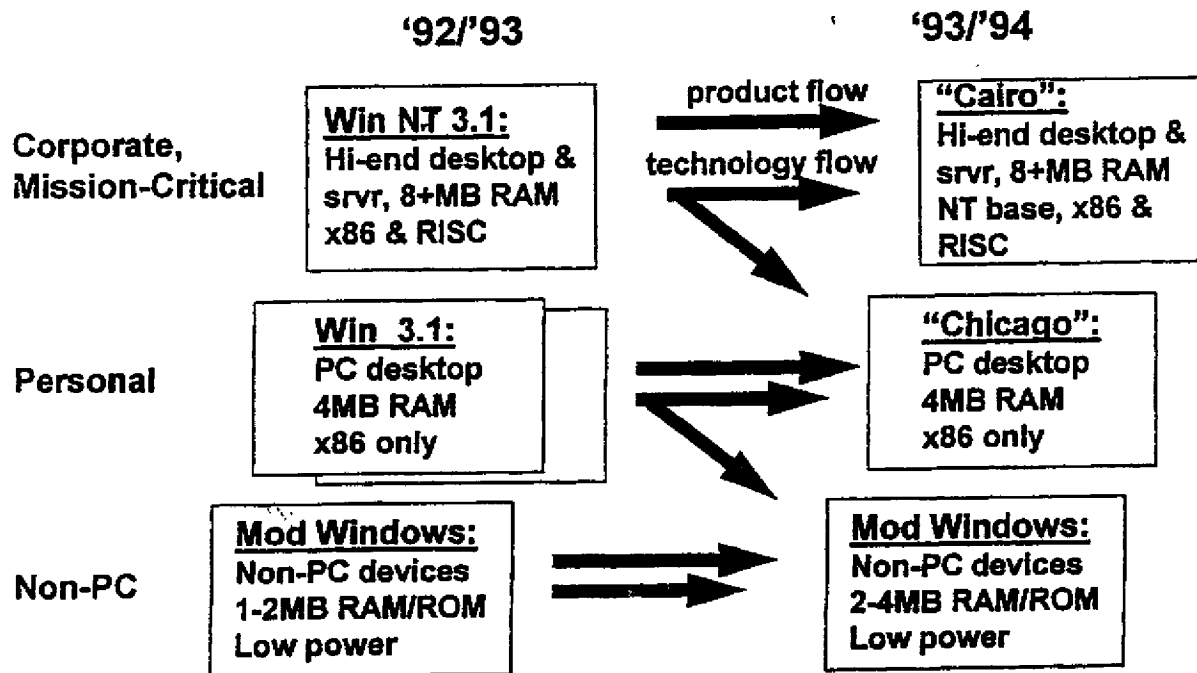
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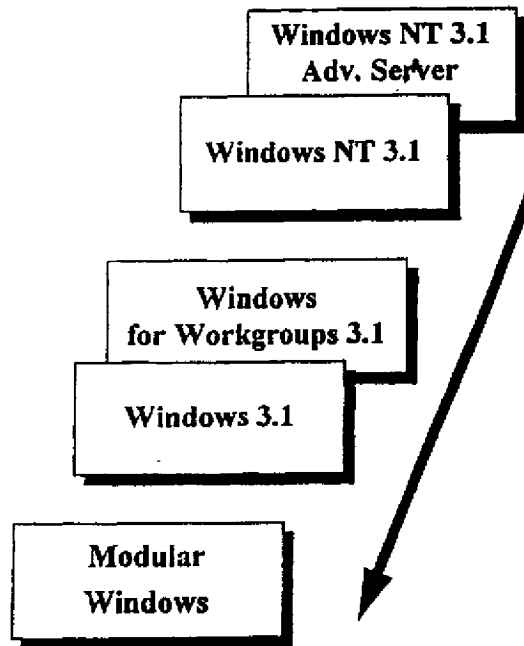
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Windows Products Summary



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Windows Family Of Operating Systems Products - 1993



- ◆ A complementary family of products (Windows NT does NOT replace Windows 3.1)
- ◆ Sharing similar user interface and common applications (programmatic interfaces)

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Modular Windows:

- ◆ **Non-PC Devices: CD Players, Handhelds, Office devices, etc.**
- ◆ **Subset of Windows function, different UI**

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APIs: the 16-bit View

- ◆ Will be supported by all platforms, now & future
- ◆ OLE 2.0 last major enhancement

Windows 16bit (Win 16) Apps

Mod Win*

Win (WFW)

Win NT**

* - subset

** - no private device drivers

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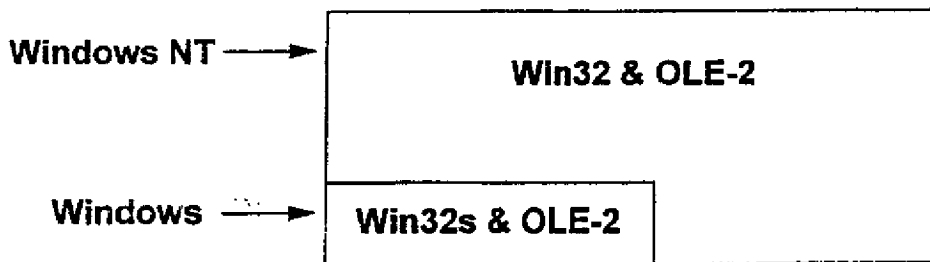
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APIs: the 32-bit View

- Focus for new function
- Bridge provided for installed base
- Will provide compatibility across Windows platforms (binary compatibility when on x86)



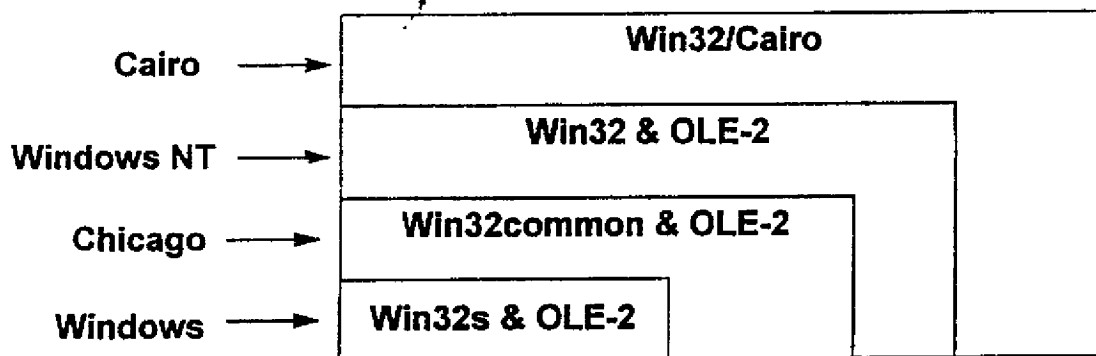
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Win32 API Contd.



- Upwardly compatible - ie. Win32 app that will run on Win3.1 will run on Chicago&NT& Cairo, app that will run Chicago will run on NT& Cairo, etc.
- Win32common = Win32c

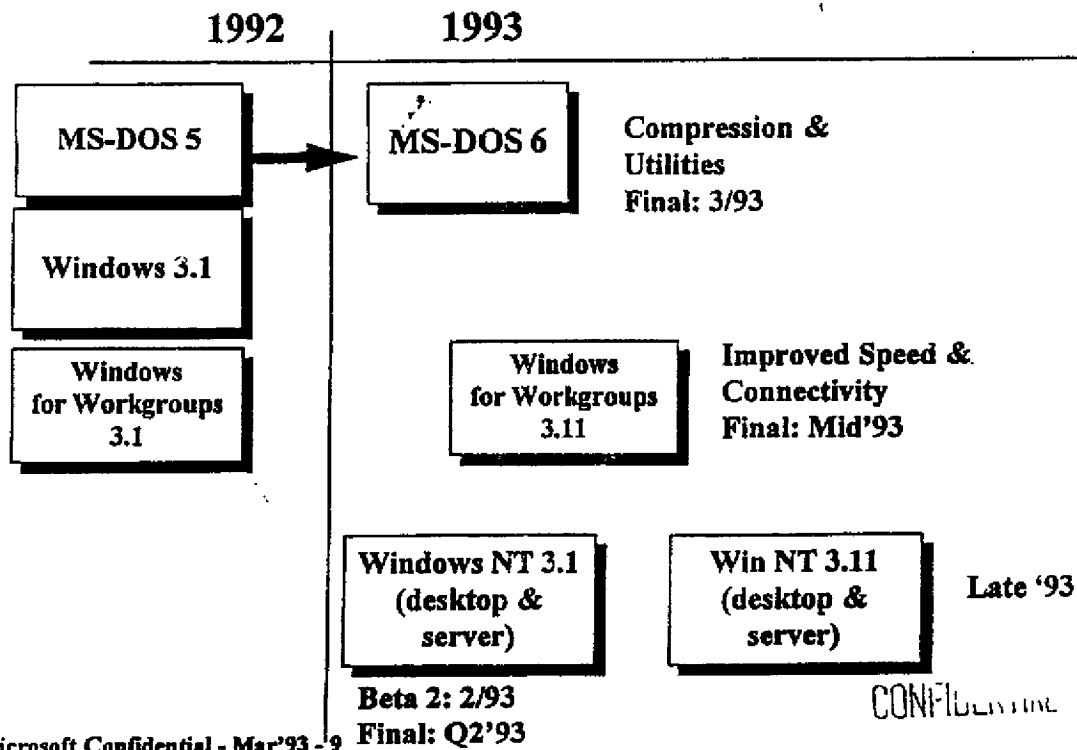
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Windows Family - Release Detail



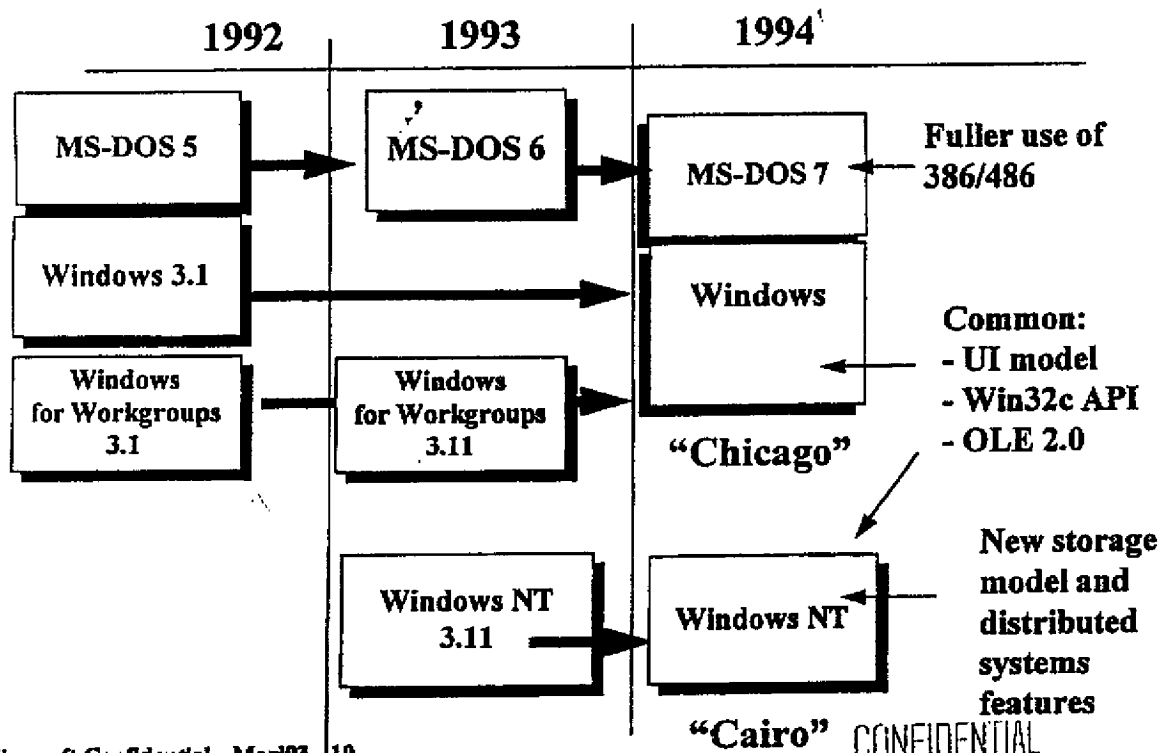
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Windows Family - Future Releases



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"Cairo" CONFIDENTIAL

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OLE 2.0 Goals

- ◆ **Make it easy for users to seamlessly create compound documents using multiple applications**
 - **Seamless in-place editing and activation**
 - **Drag & drop objects across applications**
- ◆ **Enable cross-application programmability**
- ◆ **Encourage Component Software**
- ◆ **Support important desktop platforms:**
 - **Windows (16 & 32-bit) and Mac System 7**
- ◆ **New features/functions will build off OLE2 base:**
 - **Cairo extends object model & infrastructure**

Uln...me

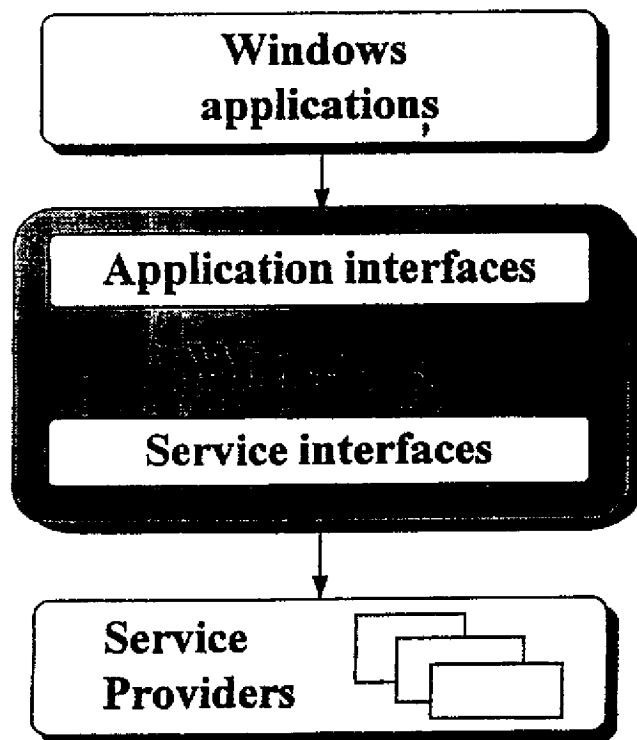
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Windows Open Services Architecture



- ◆ **Common Application Services**
 - Data Access - Open database connectivity (ODBC)
 - Messaging - Mail API (MAPI)
 - Licensing - License service API
- ◆ **Communication Services**
 - Windows sockets API
 - Windows SNA API
 - Windows RPC
- ◆ **Vertical Market Services**
 - WOSA extensions for financial services
 - WOSA extensions for real time market data

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Suggested Action Items

- ◆ **Write 32-bit Windows applications:**
 - **For Most Desktop applications**
 - **Target: Win32c or Win32s API Set**
 - **Start now using Win NT as development platform**
 - **Mission-critical, Workstation-apps, Server applications, Developer tools:**
 - **Target Full Win32 API Set**

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Suggested Action Items

- ◆ Support OLE 2.0 as soon possible
 - Beta Kit available
 - Attend the OLE 2 Developer Conference
- ◆ Consider:
 - In-place Editing
 - "Drag and Drop"
 - Docfile Support

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Suggested Action Items

- ◆ **Prepare for Cairo:**
 - **Minimum: move to Win32 and OLE2**
 - **Start effort to understand and plan new function**

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