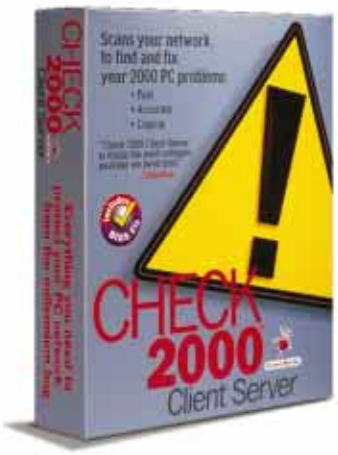
Check 2000 Client Server 3.1 **advances** year 2000 PC technology to its **highest level yet**



Check 2000 is the only year 2000 PC tool in the world today that addresses the problem across each of the five layers of the PC – and it does so to the fullest extent possible.

It is fully network enabled so that it can be rolled out across a network to automatically locate and diagnose each PC – the systems administrator doesn't even have to leave his/her seat. PLUS it can be used on your organisation's stand-alone PCs.

Ever conscious of budget constraints, Check 2000 doesn't mindlessly call for replacement but advises on where upgrades and repairs are possible.

It employs the most sophisticated year 2000 PC functionality. In fact, Greenwich Mean Time defined and continues to set the standard for year 2000 PC technology.

Check 2000 is built on years of independent research and in-depth understanding of the problem, giving you the best – and certainly the most comprehensive – advice available anywhere in the world today.

Unlike other software, it's operation is transparent to designated technicians, such as your IT department. Because we understand that 2000 is one deadline that can't be postponed, Check 2000 fully supports the task ahead of your IT managers, making them as productive as possible.

It is endorsed by the world's leading IT manufacturers, including Novell and Compaq/Digital.

"Check 2000 is probably the most comprehensive package on the market"

Sunday Times

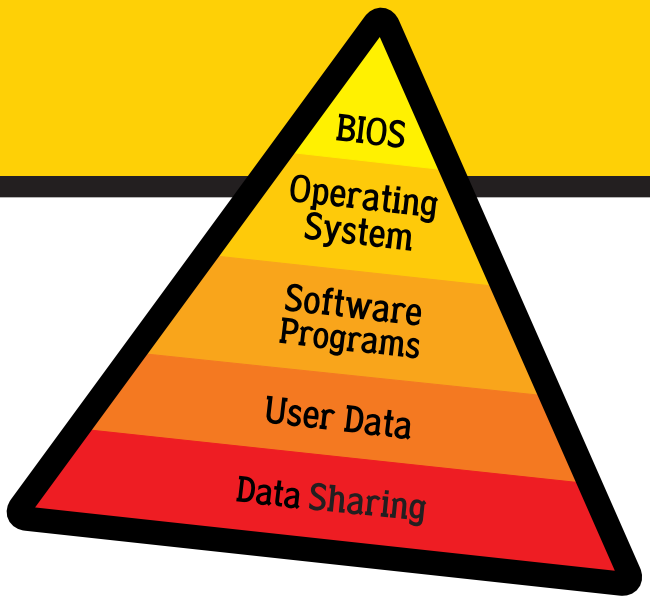
Check 2000 is accurate and constantly updated to include the latest information possible (updates are available on our upgrade maintenance program).

It is fast, allowing you to very quickly define your year 2000 status and how this affects the mission critical aspects of your business.

And Check 2000 is based on standard business procedures, allowing you to methodically and logically resolve your year 2000 PC problems.

Check 2000 voted Best Product and Greenwich Mean Time voted Best Vendor at US VARVision

CHECK2000™ Client Server



1 BIOS

The BIOS (basic input/output system) initialises every PC on start up and passes date and time information to the operating system and other software programs. The BIOS in each PC sets up the system date and time by reading – and automatically correcting if necessary – the time from the battery-powered clock chip in the PC. If the BIOS date and time are wrong (and even new BIOS's can be affected), the data generated by accounting, spreadsheet, inventory, scheduling and payroll software programs can't be trusted.

Check 2000 addresses all five layers of the **year 2000 PC** problem

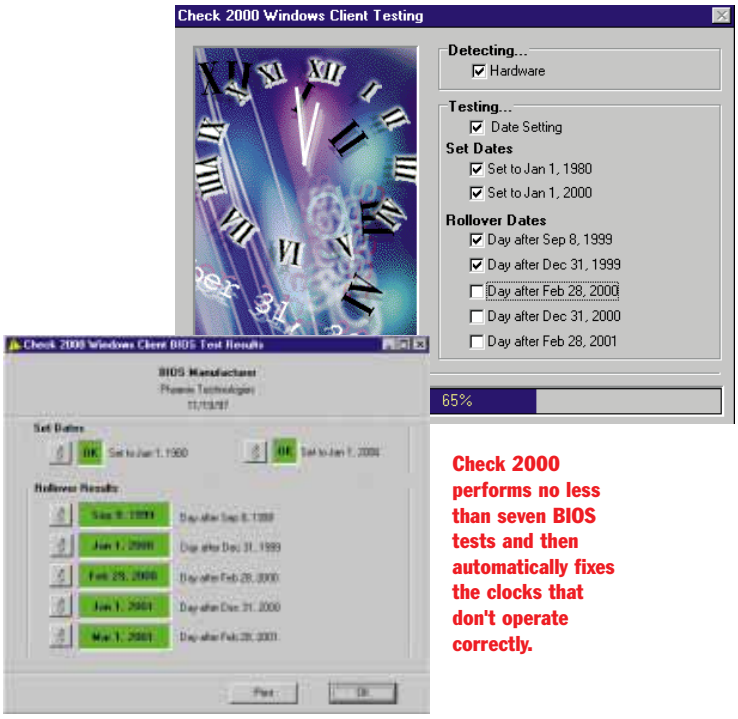
What you need to do

Locate and audit PCs ▲ Assess hardware status ▲ Fix BIOS's ▲ Repair or replace BIOS's that can't be fixed

What Check 2000 Client Server does for you

Automatically locates PCs for auditing ▲ Tests the BIOS of each PC ▲ Fixes the clocks that don't operate correctly ▲ Recommends what to do about those that can't be corrected

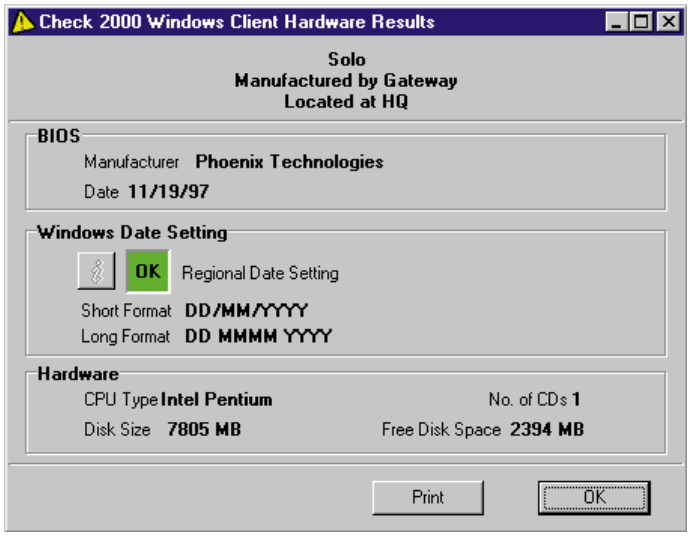
Five layers make up a PC. Each one is affected by the year 2000 problem which increases in complexity as it progresses from 1 to 5, so the hardware layer is more quickly and easily resolved than the data sharing layer. Each layer affects the others and none should be treated in isolation.



Check 2000 performs no less than seven BIOS tests and then automatically fixes the clocks that don't operate correctly.

2 Operating System

The operating system is sometimes responsible for feeding information to the other layers so it is critical that it operates correctly. The standard installation of most common operating systems (including newer operating systems) is not optimised for 2000, putting the successive layers at risk.



A seemingly simple date setting that could impact on other layers if not corrected. Check 2000 shows you how to set operating systems for 2000.

What you need to do

Discover what operating systems are in use and where ▲ Reconfigure to operate correctly ▲ Upgrade/replace those operating systems that can't be corrected

What Check 2000 Client Server does for you

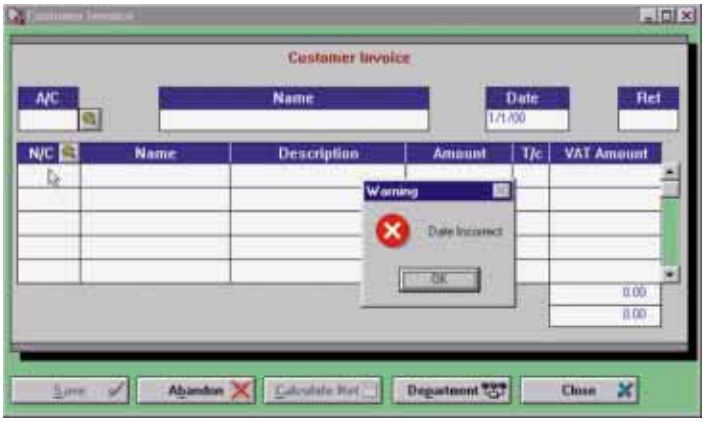
Identifies the operating systems in use on each PC ▲ Tests active 16 and 32 bit Windows operating systems including DOS, Window 3.1, Windows 95, Windows 98 and Windows NT 4 ▲ Reliably identifies those that are not set up correctly for 2000 ▲ Shows you how to correct them

Check 2000's sophisticated functionality allows for the isolation of the BIOS and operating system layers – the basis of every PC – so that they can be resolved first and quickly, setting you free to concentrate on the more time-consuming layers that follow.

3 Software programs

Every software program treats data a little differently. Our independent research shows that 64% of PC software programs exhibit potential year 2000 problems in normal usage mode. We've also identified no less than 73 shades of grey at this layer. For instance, software programs may be forced to guess the century when the user enters only the last two digits of the year – and each software program may guess a different century. The assumptions made by software programs are generally not obvious to the user.

You may be able to open a program, but try doing something as simple as entering a date into an invoice and you may find yourself locked out. This is what happened when we tried to enter 1/1/00 into a popular software program.



What you need to do

Identify what software programs are running within your organisation and where they reside ▲ Identify whether they are mission critical ▲ Understand what risks they pose to your business if they can't operate correctly in 2000 ▲ Repair, patch, replace or upgrade ▲ Find custom software

What Check 2000 Client Server does for you

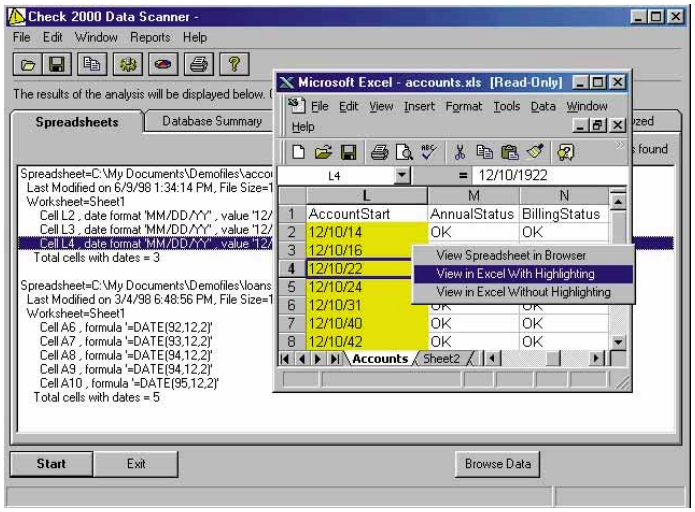
Audits shrink wrapped software programs ▲ Pinpoints and categorises problems ▲ Recommends repairs, patches, upgrades or replacements, depending on what is necessary – and available ▲ Contains a database of years of research into more than 5,500 popular shrink wrapped PC software programs, a reliable knowledge base that you simply cannot afford to build yourself at this stage ▲ Allows you to find custom software programs and identify where they reside ▲ Identifies over 20,000 software programs

4 User data

Data is fed into a PC where it is turned into information. If the data includes dates, a problem arises because most PCs are unable to allow dates to span a century: years are entered as two digits (YY) yet most PC programs calculate in four-digit years (CCYY). Most programs automatically expand YY dates to CCYY dates, making a variety of century assumptions. Data is thus often turned into incorrect information but this is not apparent to the user who doesn't know what century the program has assumed.

What you need to do

Discover how many files exist in your organisation ▲ Where they are ▲ How old they are ▲ How they're affected by the year 2000 problem ▲ Define their roles ▲ Prioritise on which need to be repaired first ▲ Repair data so it can be used in 2000



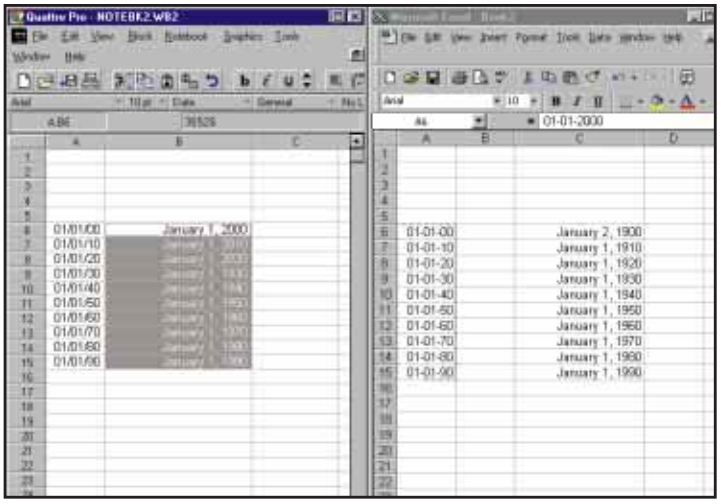
It's much quicker and easier to correct problem data in real time on the spot. Check 2000 leads you to individual cells, formulae, and macros.

What Check 2000 Client Server does for you

Interrogates your network more specifically than you could ever otherwise do ▲ Answers the essential questions about each data file ▲ Leads users right to the problematic data in their spreadsheets, databases, ASCII files and macros so it can be corrected on the spot ▲ Provides the management information you need to prioritise on mission critical data

5 Data sharing

PC users constantly share data via disk, e-mail, the Internet, EDI, across networks, and even when they cut and paste and drag and drop. When data is shared between one software program – or PC – and another, it can be modified during the transition. This is a bit like spreading a virus. In most cases it happens unknowingly and goes unnoticed. Problems that occur at all of the other layers are compounded when data is exchanged.



An example of how data can be modified during the transition from one program to another. Although the majority of these two-digit year dates are interpreted in the same way by both programs, the first three interpretations show the virus-like qualities of the year 2000 problem at the data sharing layer.

What you need to do

Identify data sharing points ▲ Limit exposure to non-compliant data ▲ Keep existing data clean

What Check 2000 Client Server does for you

Identifies the software programs that share data ▲ Allows you to track them to individual users to limit and control exposure ▲ Allows you to constantly monitor data sharing points so that non-compliant data can be corrected as it appears

There's **more** to **Check 2000** than meets the eye

Check 2000 is based on a methodology that puts you in control of the problem and helps you manage your time and resources as you resolve it. Using it is a coherent process that follows basic management principles and leads to a logical and successful conclusion.

Basic Methodology

Step 1 Analyse the year 2000 status of your PC network. This means reviewing all five layers of each PC to establish where problems lie.

Step 2 Co-ordinate the results of your analysis into rational groupings so that you can view your network as one cohesive, manageable entity.

Step 3 Assess the year 2000 risks to your business. Use your analysis to establish where your mission critical operations reside and what problems they're exposed to.

Step 4 Prioritise. This is the key to the success of your project. Every single little year 2000 problem throughout your network doesn't necessarily put your business at risk. Some problems won't matter at all, so your time – and budget – would be better spent working only on those that do matter. Using your analysis and risk assessment, you're able to prioritise on which systems need to be fixed and in what order. And you can decide on what can feasibly be sacrificed or relegated to the bottom of your list of priorities.

Step 5 Resolve problems. 98% of BIOS types are easily fixed to ensure the compliance of your hardware. Most operating systems require a simple reconfiguration. Software programs require more time and work, as do user data and data sharing problems. Resolution may involve replacing components of your network, but it can also mean simple upgrades and changes. It will almost certainly involve altering data and understanding more about the technology on which your organisation relies. Having analysed your year 2000 status, assessed the risks it poses to your business, and prioritised the order in which problems need to be resolved, you can now methodically work your way through actual resolution.

Step 6 Monitor your project. Year 2000 problem resolution is not a one-off task. Every PC on your network is exposed to year 2000 risks every day, especially if data is input to it and it is used for ongoing business. As you resolve the problems on each PC, you need to be sure that you maintain its compliance status so you need to monitor your network regularly.

Check 2000 Client Server Version 3.1 Product Specifications

Check 2000 Client Server is a suite of risk assessment tools and remediation utilities designed for large distributed networks. It incorporates a variety of testing facilities to cover the most popular PC client environments and a data collation and intelligence engine to provide an overall management view of year 2000 status.

These specifications are for guidance only and may vary depending on the selection of menu options.

CHECK 2000 SOFTWARE MODULE	PROCESSOR *	FREE SPACE *	RAM *	O/S	OTHER
DOS Client	Intel 80286	1 Mb	640 Kb	DOS 3.3 +	Can be run from floppy disk
Windows Client (16 bit)	Intel 80386	4 Mb	2 Mb	Windows 3.1 +	Maximum 7 sub-directories depth
Windows Client (32 bit)	Intel 80486 **	5 Mb	4 Mb	Windows 95, 98, or NT 4	
Server Scanner	Intel 200 MHz Pentium **	20 Mb	32 Mb	Windows 95, 98, or NT 4	Must have network administrator rights
Data Scanner	Intel 200 MHz Pentium **	100 Mb	64 Mb	Windows 95, 98, or NT 4	Microsoft Access 8.0 for VBA analysis, Lotus 123 97 and Microsoft Excel 97 for formula and macro analysis Can be run on same PC as Data Collator
Scriptor	Intel 200 MHz Pentium **	5 Mb	32 Mb	Windows 95, 98, or NT 4	
Data Collator <100 PCs	Intel 200 MHz Pentium **	200 Mb	64 Mb	Windows 95, 98, or NT 4	
Data Collator <250 PCs	Intel 266 MHz Pentium **	500 Mb	128 Mb	Windows 95, 98, or NT 4	
Data Collator <500 PCs	Intel 400 MHz Pentium **	1 Gb	256 Mb	Windows 95, 98, or NT 4	

* Minimum ** Or equivalent + Or higher

Ask your **reseller**

An entire computer reseller channel exists for the sole purpose of serving business IT needs. These are suppliers of computer systems, advisors and consultants. Often called value added resellers (VARs), we strongly recommend that you let a reseller add value to your year 2000 project by using their considerable experience of the computer industry and of your business needs.

"Check 2000 was our one stop shop for a single walk up solution for workstation remediation"

Qantas

And resellers can add extensive value

- The resolution of year 2000 problems requires that decisions are made on which systems to repair, which to replace and which to discard. It is the reseller channel that computer industry manufacturers address on new products and upgrades – and when they can be expected – therefore the reseller is best placed to assist with these decisions.
- Resellers are in a prime position to help their customers assess how long new systems take to rollout and can play a vital role in helping them devise sensible and practical timelines.
- Resellers can advise on what training provision is required to ensure that changes are effectively managed. This not only applies to training on new products that may be required, such as new software programs, but training in repairing number-intensive software programs such as spreadsheets and databases.
- Organisations are going to have to find new ways of working with data and resellers can add value to this training process as they are generally trained first hand by manufacturers.
- Resellers have a role in helping to define the hardware support required for new operating systems and software programs. They will also be active in providing ongoing support.
- There is no question that the year 2000 problem is budget-intensive. Customers should expect their resellers to add value by assisting with budget plans. In addition, if the nature of a customer's year 2000 problem requires much replacement of systems, working with one reseller can - and should - offer budget advantages.

Compaq Y2k

www.compaq.com/year2000

Compaq Computer Corporaton is an authorized reseller of Check 2000 Client Server.

COMPAQ

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Greenwich Mean Time

Greenwich Mean Time Global Offices

North America	Tel: + 1 (703) 522 6454	ussales@gmt-2000.com
Europe and the Middle East	Tel: + 44 (0) 1329 825 468	uksales@gmt-2000.com
Asia Pacific	Tel: + 61 (3) 9387 0311	aussales@gmt-2000.com
Africa	Tel: + 27 (0) 11 465 0630	sasales@gmt-2000.com

www.gmt-2000.com