Introducing D4W Cloud

Moved to the cloud yet? Centaur Software explains the benefits of using cloud practice management software in dental practice.

Now you can have all the benefits of online practice management software without having to sacrifice any of the comprehensive features of Dental4Windows that has made it the favourite choice of Australian dentists.

How is D4W Cloud different from the classic Dental4Windows?

Cloud computing is a general term for the delivery of hosted services over the Internet. With D4W Cloud, we deliver the practice management software to you over the Internet and we provide and manage all the IT backup and storage so you don’t have to. Support and free upgrades are provided as part of the fixed monthly fee. There’s no upfront payment apart from set-up and training and no separate support or maintenance payments. We also offer D4W Subscription for those who prefer their system in practice as opposed to on the cloud but who don’t want to buy Dental4Windows outright. No other dental practice management solution offers you such flexibility in choice.

So what are the benefits of online/cloud dental practice management software for single and multi-site dental practices?

1. Freedom of access to your dental software solution wherever you are and whenever you need it

With D4W Cloud, you now have the freedom to log in with your own password anywhere—at home, work or a conference—at any time of the day or night that suits you. That means you can access important information without necessarily being in the practice. That gives you freedom and allows you to be in control of your business even if you’re not in the practice. And if you’re running more than one practice, that’s indispensable. D4W Cloud even runs on iPads and Macs.

Multi-location practices can store data on a universal database or on separate databases. If you have more than one practice, then you may want to have a single database for all of your practices to centralise business operations. Alternatively, you could have them in the cloud and manage them separately if that suits your reporting processes better.

2. Automatic data back-up to secure servers located in Australia in real time means no more time-consuming data back-up

With D4W Cloud, you now don’t have to worry about cumbersome manual backups, owing to automatic back-ups to the cloud. We have installed safeguards and procedures to ensure the security of your data. In fact, our servers are as secure as a bank, since we use a secure, authenticated and encrypted communication protocol widely used by banking and payment systems.

3. Reduced IT costs

No more complicated IT networking is required. As long as you have a good Internet provider with cloud services, it is taken care of over the Internet and should be a fraction of the cost.

4. Free updates and new features

All new upgrades including new standard features are provided free of charge and automatically. That includes new compliance standards added to D4W Cloud which mean you are always up to date. Regular updates and new features will be added automatically with some of the latest including appointment and recalls automation. There’s no downtime and no disruption to the business.

5. One fixed monthly fee

One of the great benefits of cloud products is they run on a software as a service model. What is that? Rather than an initial large cost (capital cost) to acquire the product, you pay a fixed monthly fee (operating cost) to use the solution. With D4W Cloud, the only upfront cost is set-up and training. There is one fixed monthly fee and the option to add extra modules for an additional fee.

6. All you’ve come to expect from the classic Dental4Windows

The great thing about D4W Cloud is that it doesn’t sacrifice the abundance of features in the classic Dental4Windows, so if you know Dental4Windows then you’ll know D4W Cloud. Also, you can obtain all the new integrated forms, eForms, all for one fixed monthly fee.

7. Choices

We understand dentists and practices are unique and there is not a “one-size-fits-all” solution. That’s why we now have a range of methods as to how Dental4Windows can be delivered in your practice(s). If you’d rather buy Dental4Windows outright that’s still available, but now you have the option to gain the benefits of Dental4Windows for a fixed monthly fee with D4W Cloud. If Cloud isn’t an option for you, you can still continue with D4W subscription pay a fixed monthly fee and have Dental4Windows set up in your practice, not online. It’s all about making Australia’s favourite dental practice management solution accessible to as many practices as possible.

Visit Centaur Software at ADX16 at Stand 222 or go to the company’s website centaursoftware.com.au to learn more about D4W Cloud.

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A new study evaluating the accuracy of six leading intra-oral scanners in the dental market has found 3Shape’s TRIOS to be both the most accurate and consistent performer of the scanners tested. The study, which was conducted jointly by the University of Maryland in Baltimore and the University of Freiburg in Germany, aimed to compare the ability of intra-oral scanning systems of different brands to accurately scan a single molar abutment tooth in vitro. The analyses included the following six scanners: iTero (Align Technology), 3M True Definition (3M ESPE), PlanScan (Planmeca), CS 3500 (Carestream Dental), TRIOS and CEREC AC Omnican (Sirona Dental Systems).

In order to compare the accuracy of each system, the investigators used an industrial-grade, highly accurate reference scanner to create a digital reference dataset for an acrylic dental model. A single trained, experienced dentist then scanned the acrylic model on three separate occasions using each of the six intra-oral scanning systems.

Trueness (accuracy) was defined by superimposing the three digital datasets over the reference dataset, with 3-D comparisons then performed. Precision (consistency) was defined by superimposing each dataset over the other two datasets obtained and then evaluating for 3-D deviations.

Of the 18 datasets analysed, the smallest deviations for the trueness measurements (± standard deviation) between the reference dataset and the various intra-oral scanner datasets were obtained from TRIOS (6.9 ± 0.9 µm), followed by CS 3500 (9.8 ± 0.8 µm), iTero (9.8 ± 2.5 µm), 3M True Definition (10.3 ± 0.9 µm), PlanScan (30.9 ± 10.8 µm) and CEREC AC Omnican (45.2 ± 17.1 µm).

As for precision values, here too TRIOS was identified as the most accurate (4.5 ± 0.9 µm), followed by 3M True Definition (6.1 ± 1.0 µm), iTero (7.0 ± 1.4 µm), CS 3500 (7.2 ± 1.7 µm), CEREC AC Omnican (16.2 ± 4.0 µm), and PlanScan (26.4 ± 5.0 µm).

“The TRIOS scanning technology, in combination with the wand design, seems to be beneficial for capturing high quality datasets with excellent trueness and precision values,” the investigators said.

However, the results obtained do not provide any information about the quality of a fabricated restoration based on these digital datasets, the researchers stressed. Moreover, in an in vivo design, the outcomes might be different owing to the presence of blood, saliva, and patient movements, they concluded.

The study, titled “Evaluation of the accuracy of six intra-oral scanning devices: An in-vitro investigation”, was published in Volume 10, Issue 4, of the ADA Professional Product Review.
Software of Excellence has the tools to help take your practice to new levels. We have worked with thousands of practices around the world and developed a best practice approach based on global research from more than 1,500 dental practices in Australia, New Zealand and the UK.

**How does your business compare with top-performing dental practices in the following areas?**

**Recall effectiveness:** An effective patient recall system is the backbone of any successful dental practice, as this ensures that patients remain loyal and regularly return to the practice for treatment. A best practice approach means you can achieve a recall success rate of over 85 per cent.

**New patients:** Acquisition of new patients remains one of the most challenging aspects of running a dental practice. Whatever your practice type, you need the tools to promote your practice, re-engage lapsed patients and make it easy for new patients to book their first appointment.

**Patient marketing:** Running successful marketing campaigns is key to new patient acquisition and increasing the value of existing patients. You need the tools to set up your campaigns, monitor what works and measure your return on investment while ensuring your online reputation stays ahead of your competitors.

**Optimised diary:** How do you achieve your perfect day, ensuring the right treatment mix to meet your patients’ needs while maximising your hourly earnings? You need a system to help you plan your forward cover to minimise time not booked, that reduces the number of patients who fail to attend appointments and effectively manages cancellations at short notice.

**Clinical excellence:** Successful patient outcomes and a streamlined chairside experience are of vital importance to your practice. You need tools that make life easier for you as a clinician, such as integrating digital imagery with a patient’s record.

**Treatment acceptance:** Research shows that 80 per cent of practice revenues are generated by 12 treatment items from two main categories: (a) high-volume, low-margin items (such as fillings, examinations and radiographs); and (b) low-volume, high-margin items (such as restorative crown and bridge work). To increase the latter, you need the tools to boost your chairside treatment acceptance.

**Employee empowerment:** Running a successful practice requires a team that is highly skilled and motivated. You need to ensure that your employees are gaining the most from your business systems, receive clear training and development opportunities, and learn the necessary skills to boost practice performance.

**Performance management:** Measuring business performance is the first step towards improving the efficiency of your practice. You need help looking inside your business to see how effectively it is operating using a range of key performance indicators and the ability to make the changes that can have a dramatic impact on your profitability.

Visit Software of Excellence at Stand 454 during ADX16 for a free business consultation and speak with one of our experts to learn more about our best practice approach and how you compare to top performing dental practices in each of these areas.

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TWO NEW DENTAL MILLS DESIGNED TO MEET YOUR NEEDS

Designed for the effortless production of dental prostheses, Roland DG dental mills deliver quality, efficiency and value in a compact, user-friendly device. Ideal for labs or office environments, the open architecture of the DWX series allows you to work with the latest materials, CAD/CAM software and scanners, without having to rely on a single source.

Whether you’re looking for a dedicated dry or wet milling machine, or both, Roland DG has the ideal solution. The DWX-51D and DWX-4W side by side for the most efficient production. The DWX-51D and DWX-4W dental mills have recently been validated by VITA Zahnfabrik (Germany) for use with the company’s dental prosthesis materials, including VITA ENAMIC, VITA SUPRINITY and VITABLOCS Mark II.

DWX-51D
With a host of automated features and precise five-axis milling, the DWX-51D is the perfect solution for labs wanting to increase production or those looking to start with digital milling for the first time. Equipped with a ten-station automatic tool changer (ATC), a new C-clamp with torque wrench for easier loading of materials, and an expanded Virtual Machine Panel with built-in maintenance routine, the DWX-51D takes dry milling to a whole new level. It’s capable of producing copings, crowns, complete bridges, abutments and other prostheses from zirconia, wax, PMMA, composite resin, PEEK and gypsum with unparalleled speed and precision. When equipped with 2DB-100D/50D/30D milling burs, the DWX-51D is certified for milling VITA ENAMIC.

The DWX-51D is a smooth and steady ball screw-driven machine that operates on the X-, Y- and Z-axes, simultaneously rotating blocks and discs. Tilting on the b-axis, it supports deep undercuts and the complex milling of large-arch restorations and other full-mouth prostheses. For higher quality output, the DWX-51D employs an improved airflow system, which boosts vacuum performance and prevents dust from building up in the milling area. For optimum convenience, a colour-coded light informs the technician of the machine’s operational status.

DWX-4W
The DWX-4W wet mill has been specially designed for milling glass-ceramics and composite resins, which are popular with both dentists and patients for producing aesthetically superior crowns, inlays, onlays and veneers, and is certified to mill VITA ENAMIC, VITA SUPRINITY and VITABLOCS Mark II. In addition to milling on the X-, Y- and Z-axes, the DWX-4W rotates pin-type blocks at 360° on a fourth axis (a-axis) to support undercuts. The DWX-4W also features a high-performance Jager DentalDrive spindle that operates at speeds of up to 60,000 rpm for precision milling and unmatched reliability. A multi-pin clamp allows you to mill up to three different pin-type materials simultaneously, while a four-station ATC changes grinding burs as needed without interrupting production. The DWX-4W is also equipped with a fully integrated pump and coolant system with a slide-out container for easy maintenance.

SYNEA VISION TURBINE WITH 5X RING LED+

Complete elimination of shadows during preparation has long been the unfulfilled dream of many a dentist. In 2014, W&H achieved a technological masterpiece: five high-intensity pin-head-sized light-emitting diodes (LEDs) in a ring shape integrated into the small head of the new Synea Vision TK-98 L turbine. The new sterilisable 5x ring LED+ turbine is the perfect solution for milling glass-ceramics and composite resins, which are popular with both dentists and patients for producing aesthetically superior crowns, inlays, onlays and veneers, and is certified to mill VITA ENAMIC, VITA SUPRINITY and VITABLOCS Mark II. In addition to milling on the X-, Y- and Z-axes, the DWX-4W rotates pin-type blocks at 360° on a fourth axis (a-axis) to support undercuts. The DWX-4W also features a high-performance Jager DentalDrive spindle that operates at speeds of up to 60,000 rpm for precision milling and unmatched reliability. A multi-pin clamp allows you to mill up to three different pin-type materials simultaneously, while a four-station ATC changes grinding burs as needed without interrupting production. The DWX-4W is also equipped with a fully integrated pump and coolant system with a slide-out container for easy maintenance.

The preparation site is not only illuminated from the mesial aspect, but also from the buccal, distal and lingual/palatal aspects simultaneously with the new light design. Full light intensity is guaranteed even in the most difficult situations.

An integrated spray with five outlet nozzles ensures perfect cooling and cleaning of the treatment site. The innovative W&H turbine is particularly robust with a special scratch-resistant surface coating that extends the life of the instrument. A unique ergonomic design and a small instrument head contribute to comfortable and fatigue-free work.

The Synea Vision TK-98 L turbine with 5x ring LED+ is the result of intensive research and development. Close cooperation with internationally prominent dentists during development of the product lends this innovative turbine the best possible support for use in routine practice.

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