

eXceed News – December 28, 2018

Dear Customers,

Wishing you all a Very Happy New Year! As 2018 unfolds, we are introducing new service features, targeted to make in-office aligners easier and cost-effective than ever.

New Features:

1. Sirona-eXceed Integration
2. New recommended foil material
3. Vertically oriented Print Files
4. New Case Report

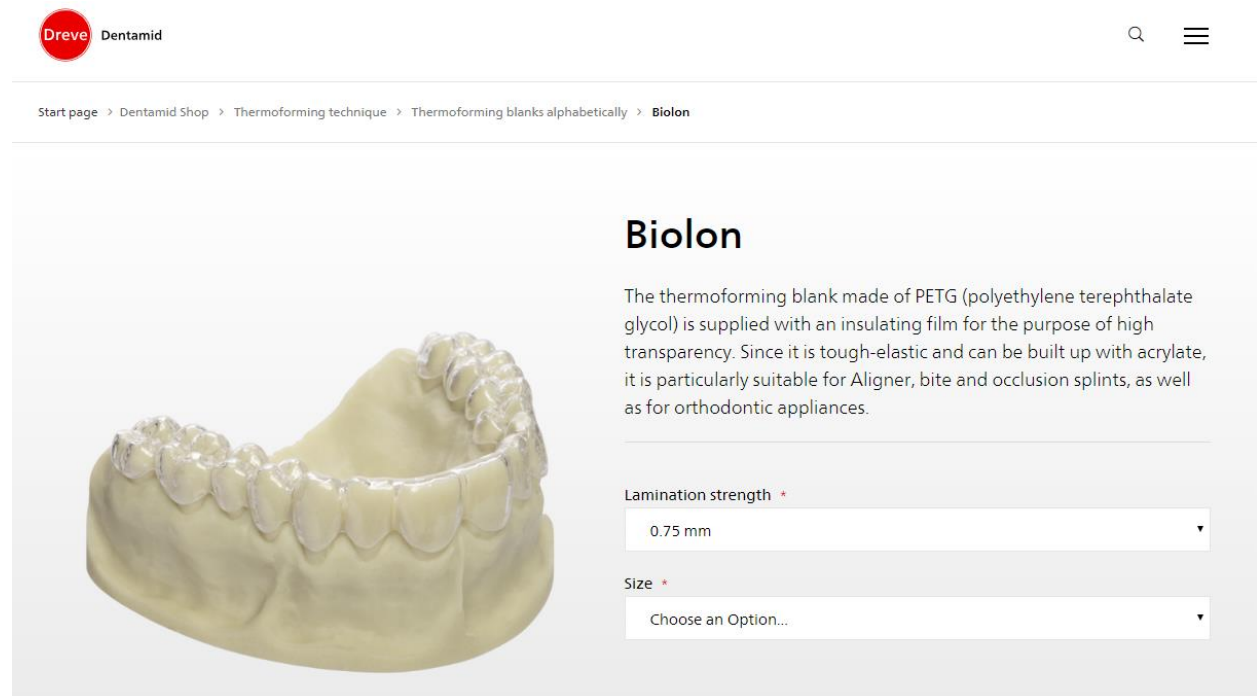
Please also note changes to the eXceed “Office” user agreement, effective Jan. 01. 2019.

1. CEREC-eXceed Connectivity

Now, users of the Omnicam and Bluecam intra-oral scanners from Sirona can share scans with eXceed via Sirona Connect. Please use **sironaus@exceed-ortho.com** as the connection email. For more details please contact our support desk [here](#) . Our team will also be contacting you pro-actively in the following months to offer help with setting up the bridge.

2. Biolon from DREVE is our favorite VF foil

Following extensive testing, we are now recommending [Biolon](#) from Dreve as our favorite vacuum forming foil. Offering an excellent mix of retention and elasticity, this sheet typically costs 50% less than our last year’s favorite, Duran+ from Scheu Dental. On average, for a 30-aigner case, this means savings of \$USD 15 off the vacuum forming foil bill.



Dreve Dentamid

Start page > Dentamid Shop > Thermoforming technique > Thermoforming blanks alphabetically > Biolon

Biolon

The thermoforming blank made of PETG (polyethylene terephthalate glycol) is supplied with an insulating film for the purpose of high transparency. Since it is tough-elastic and can be built up with acrylate, it is particularly suitable for Aligner, bite and occlusion splints, as well as for orthodontic appliances.

Lamination strength *
0.75 mm

Size *
Choose an Option...

3. Vertical, Support-Free Print Files

The eXceed print-files build platform has been automated and converted to being support-free.

Objectives for this move were as follows:

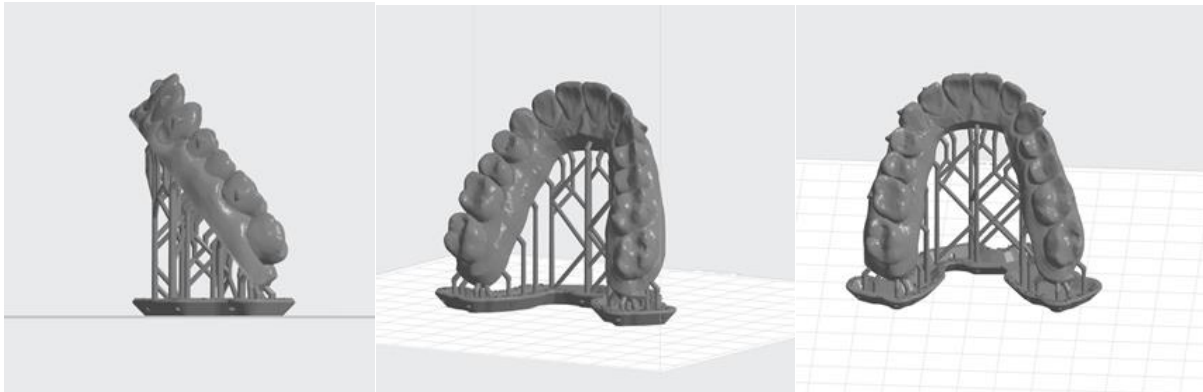
1. Reduce print time;
2. Reduce resin consumption;
3. Reduce time to create the 3D build platform;
4. increase number of models contained within a single platform

Using the Form2 printer from FormLabs as a benchmark - the following results have been observed:

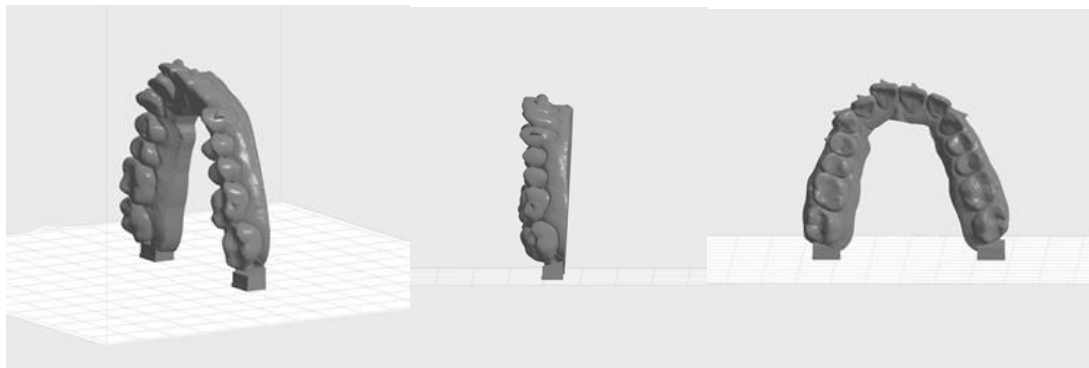
	w/support	w/o support	% savings
Print time/model/HR	2:30	2:15	10%
Resin consumption/model/ml	11.71	8.72	25%
3D build platform preparation time/minutes (approx.)	10	4	60%
Number of models per platform	14	18	28%

Based on the data above, we estimate savings on resin consumption alone to be around \$USD 1.2/per aligner. In an average 30-aligner case, this amounts to a \$USD 36 reduction in resin bills.

With Supports



Without Supports



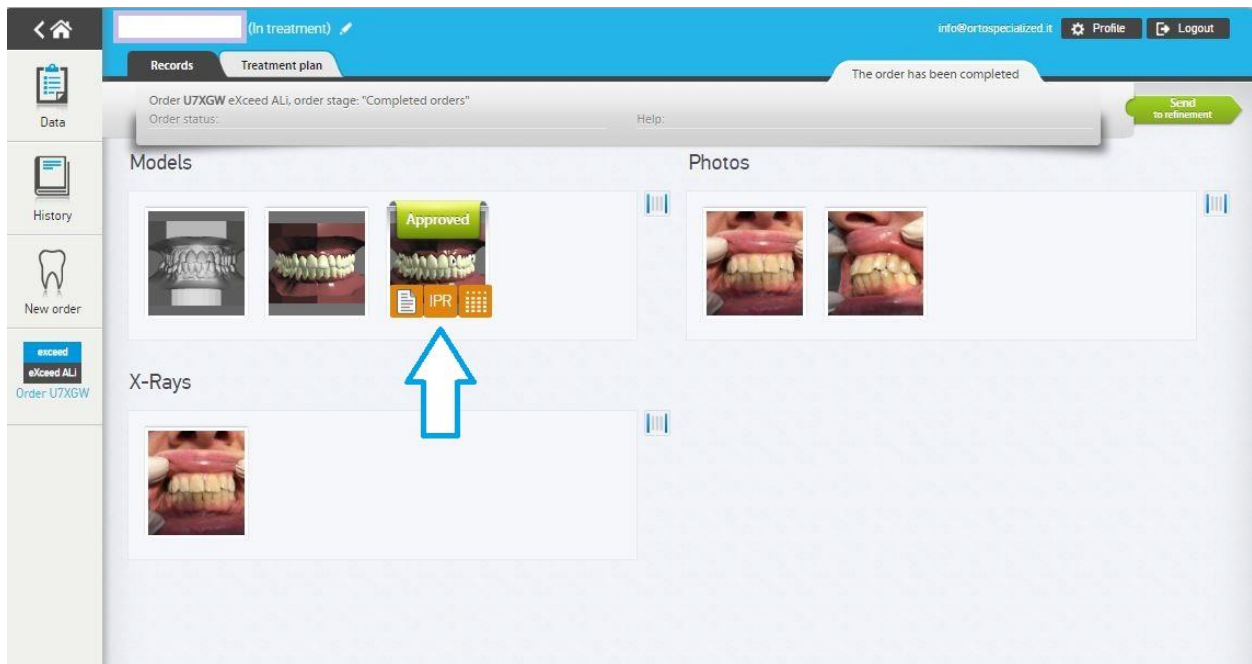
Comment: vertical, support-free printing is not suitable for all cases, for example, when teeth are retroclined or when vertical positioning causes some parts to "float" in air (see below). We estimate that less than 20% of all models are not suitable for this feature. For now, please detect those files and ask us to have them re-oriented. During 2019, we will introduce an add-on feature that will automate vertical vs. horizontal platform build based on case attributes.



4. New Case Report

A new detailed case report is now available for all approved plans including graphic IPR staging, patient records and communication history with the eXceed Design Center.

To access the report, click on the "IPR" icon next to the approved plan:






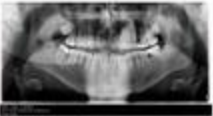

A sample report is shown below:

Patient name: **Boris Slutsky** (order ID: **U67JS**)
 Doctor: **John Travolta**

Upper aligners: 29 active Lower aligners: 17 active and 12 passive

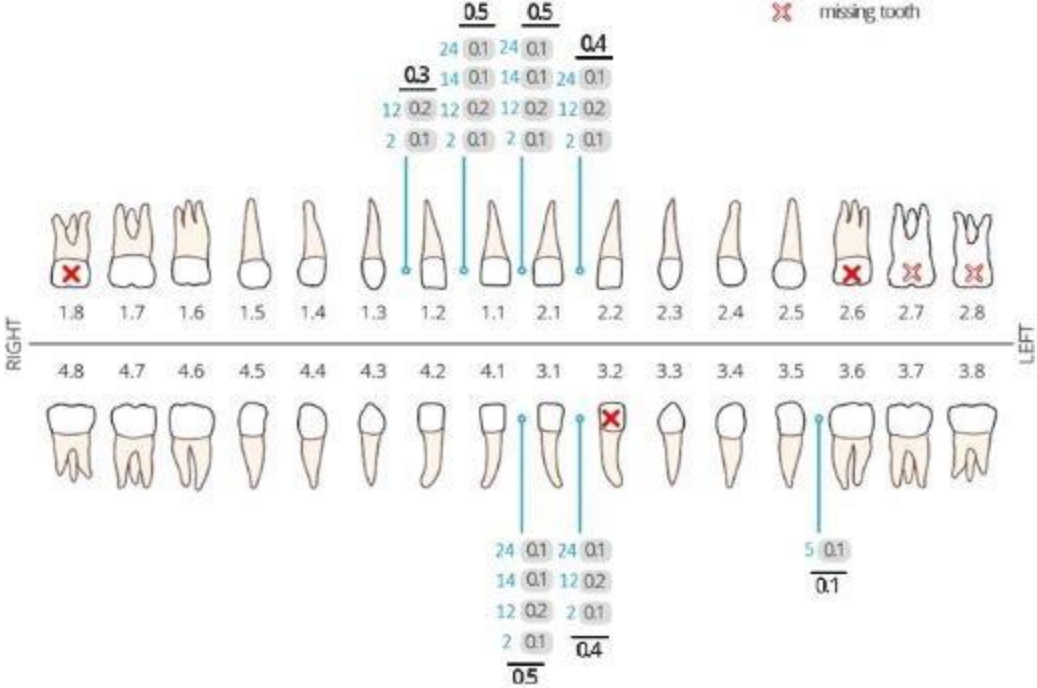
Page 1 of 3

Treatment plan and photos

Continue to move #20 into the arch, #10 needs to be brought down and rotated into arch. Please bring #10 in further so I can flatten with a drill to match #7. Finish lower anterior archform

IPR



		0.5		0.5																																	
		24		0.1		24		0.1		0.4																											
		14		0.1		14		0.1		24		0.1																									
		12		0.2		12		0.2		12		0.2																									
		2		0.1		2		0.1		2		0.1																									

- 2 step number
- 0.1 IPR before step
- X tooth has to be extracted
- X missing tooth

4