

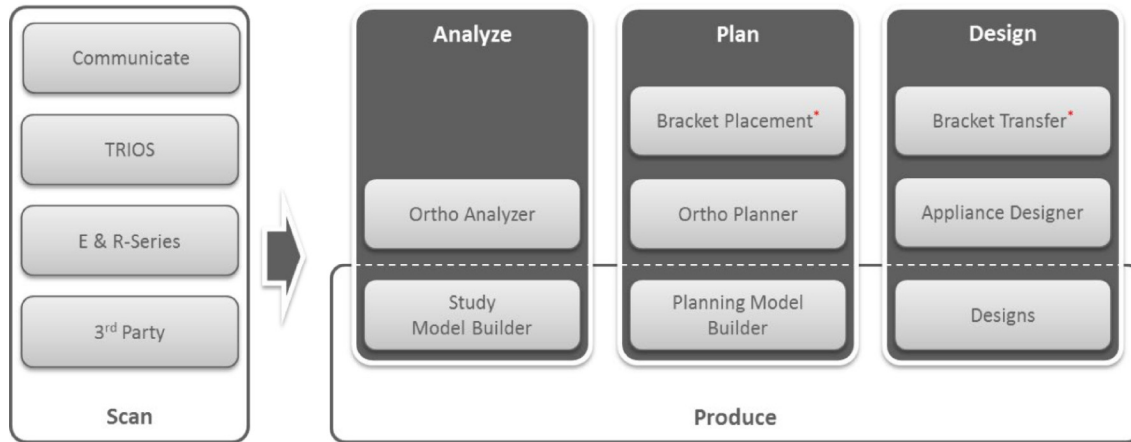
Appendix II Ortho System – Software Configurations



Software Module	CAD Indications	Ortho System Premium	CAD Points
ScanIt Manager	3D scanning of study models and dental impressions	+	
	Cut and close(automatic horseshoe model)	+	
	Debond brackets	+	
	Sculpting tools	+	
	Validation tool (cross section)	+	
	3Shape Communicate® inbox (50 connections)	+	
Ortho Analyzer	Patient manager / case browser	+	
	PMS / Lab system integration	+	
	Preview pictures	+	
	Virtual base	+	
	Debond brackets	+	
	2D-image import	+	
	CBCT DICOM import	+	
	2D / 3D measurements	+	
	Standard analysis (Bolton, Space, etc.)	+	
	Customized analysis (collections) & questionnaires	+	
	Pre-defined analysis (PAR, ABO, etc.)	+	
	Model Comparison	+	
	DCM export and import	+	
	Communicate inbox	+	
Ortho TRIOS Inbox (Direct connect)	+		
Study Model Builder	STL output. Study model Export	+	6
Ortho Planner	Virtual setup	+	
	Simulation (animation export)	+	
	IPR stripping	+	
	Extraction	+	
	Sub-setups	+	
	Virtual articulation	+	
Planning Model Builder	STL output. Planning model export. Virtual sub set-up	+	10/25*
Bracket Placement	Bracket placement. Indirect bonding	+	
	Automatically generated setup saved in Ortho Planner	+	
Appliance Designer**	Customized CAD modelling of Orthodontic appliances (shell and bar.)	+	
	Id tags	+	
	Drill compensation	+	
	Hollow model	+	
	CAD -Design STL export (ortho Design Builder)	+	
Bracket Transfer	Customized Cad modelling Bracket transfer tray	+	
	Customized Cad modelling master models	+	
3 rd Party Scanner import	3 rd Party STL import	+	5
+	Included in the specific Ortho System Software package.		
CAD Points	Price for CAD Points Page 7.		
* STL export under virtual setups	10 CAD points if virtual setup <= 6 25 CAD points if virtual setup => 6		
** Appliance Designer	Variations of available indications may vary depending on country		

Ortho System Application Overview

The Ortho System software modules offer flexible options for applications within digital orthodontics:



Scan Applications

- 3Shape Communicate® Inbox: For reception of files from labs, clinics and others with a 3Shape Communicate account. The system comes with 50 Inbox connections included; additional connections to be purchased separately.
- 3Shape TRIOS®: For generation of 3D models using 3Shape intra-oral scanners.
- E & R-Series: For generation of 3D models using 3Shape desktop scanners.
- 3rd Party Scanner: For integration of 3D models using 3rd party scanners.

Analyze

- Ortho Analyzer: Analysis and diagnostics based on 3D models. Integrates with DICOM data, 2D images (photos, ceph, etc.) and patient information. Enables 2D and 3D measurements and Standard analysis (Bolton, etc.). No modification of the tooth positions. Includes 3Shape Communicate interface and enables integration to Patient Management Systems.
- Study Model Builder: Enables the export of 3D study models in STL format for manufacturing or exchange with Patient Management Systems.

Plan

- Ortho Planner: Treatment planning and monitoring, including virtual setups (modification of tooth positions), extraction and stripping simulations, virtual articulation and attachments. Requires Ortho Analyzer.
- Planning Model Builder: Enables the export of planning 3D models (virtual setups) in STL format.
- Bracket placement (indirect bonding): Needed for accurate positioning of brackets. Add-On to Ortho Planner.

Design

- Appliance Designer: CAD modelling of orthodontic appliances (e.g. RPE's, retainers, sleep apnea devices, splints and more.)
- Design Builder: Enables the export of CAD designs in STL format, including transfers for indirect bonding. Part of Appliance Designer.
- Bracket transfer (indirect bonding): CAD modelling of design transfers for indirect bonding according to placement defined in the Bracket Placement add-on module. Add-On to Appliance Designer.