

1.1983.MATRA film June.

This film was made in 1983 by MATRA for the French Government

From 1979 to 1983 we worked with Thomson CSF, Fort, MATRA and Etecma to design and **produce the first known Intra Oral Scanner (IOS) presented to the dental world at the congress**. It consisted of two cameras, one to capture the vestibular and occlusal surface and the other to capture the lingual and occlusal surface at the same time. These cameras used the **brand new CCD THX 31135** (288x208 pixels) from Thomson which we integrated in May 1981 in a special case dedicated to our dental application (image boards THX 5001, 5002 and 5003) and which was connected to the IOS by FORT optical fibers. Between 1981 and 1982, we developed dental software using the Euclid nucleus of Bézier/Matra Datavision. The connection with the numerical control ICN «synthesis» of the machine tool Etecma was made at the beginning of 1983 thanks to Mr Bernard of Grenoble. I was assisted by a young dentist from Grenoble, Christian Termoz, my uncle Bernard Duret and my wife Élisabeth.