



since 1983



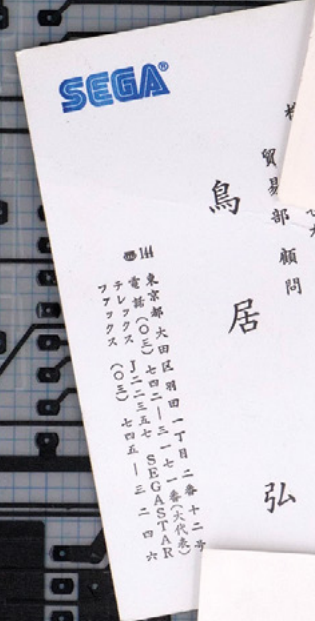
Your ideas, displayed!

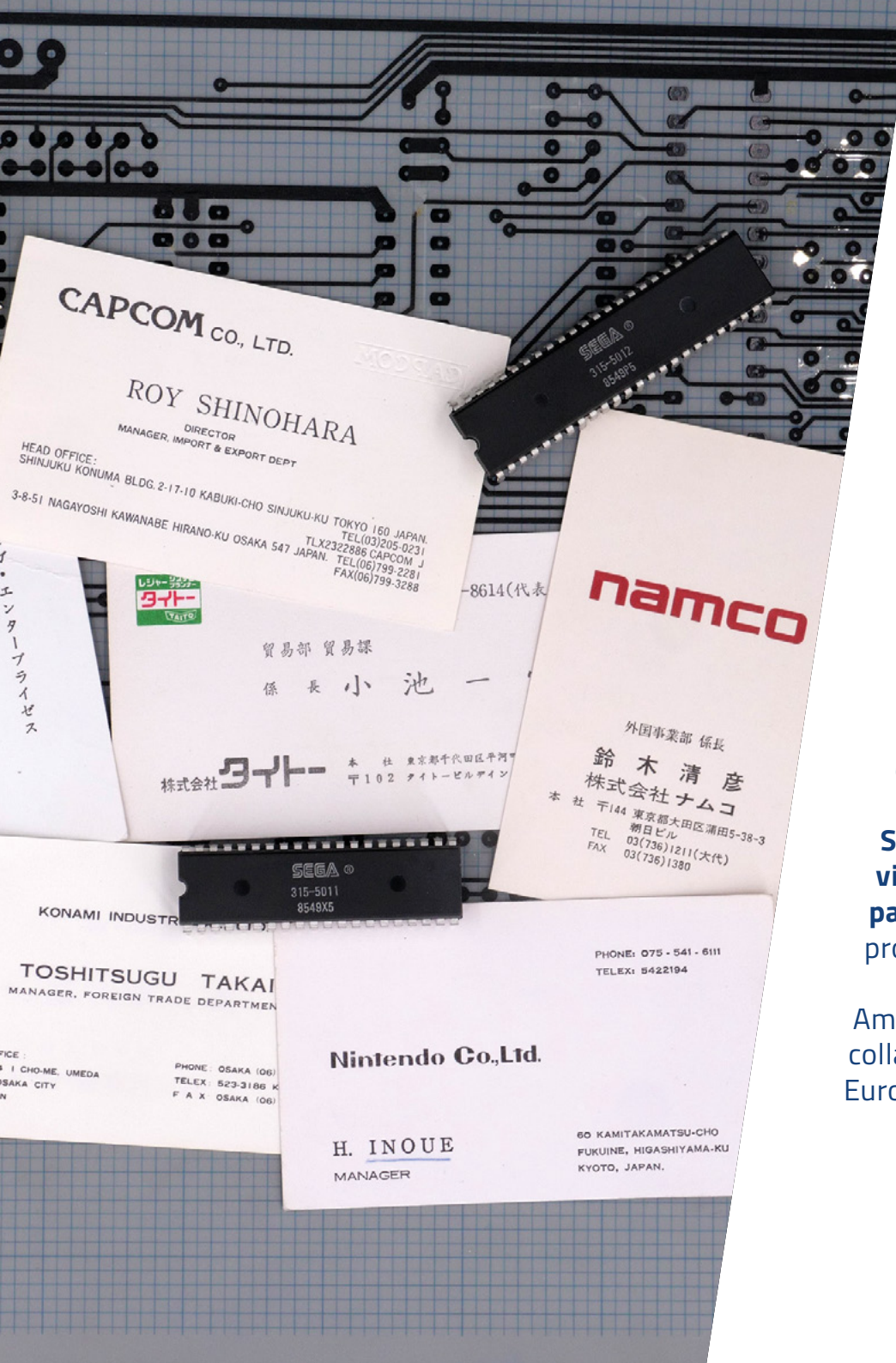
Our **inclination for innovation** has allowed us to remain operational for over forty years, distinguishing ourselves through passion, a sense of responsibility, and the ability to adapt to an ever-evolving market. We have never stopped looking toward the future and have consistently strived to **generate creative and cutting-edge technological solutions.**

We operate in all sectors where there is a need to handle and manage **video signals**, and thanks to the experience acquired over the years, we can coordinate large-scale projects that require complex and specific know-how.

From development to production, both **hardware and software**; from the meticulous selection of components to internal testing. Through our **quality management system**, we control the entire product development process to ensure maximum customer satisfaction.

NEW DIGIMATIC





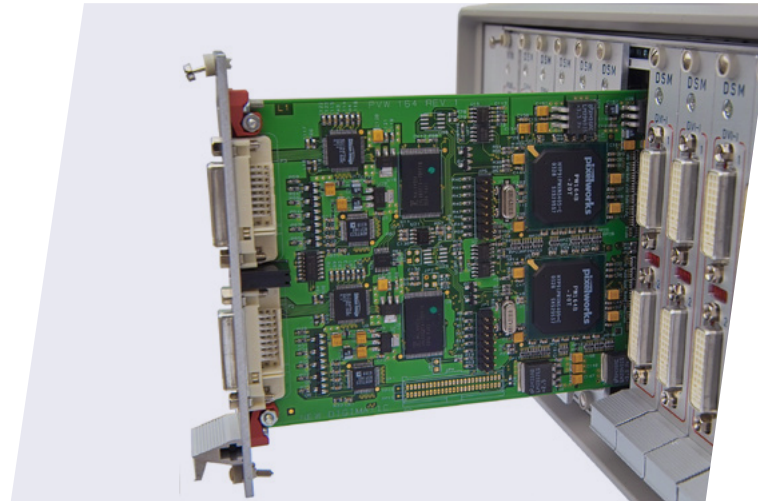
OUR HISTORY

Since our founding in 1983, we have specialized in **electronics for video signal processing**, and we have collaborated as a **technological partner with the leading companies in the gaming sector** for the production and distribution of electronics in the European market.

Among the various successes achieved during that period, our collaboration with the **SEGA CORPORATION** led us to be the first in Europe to present the preview of the SEGA OutRun driving simulator.

In the late 1980s, we began experimenting and creating our **first prototype of Video Walls in hard-wired logic**. Following the technological evolution, new products were developed using **PLD with proprietary algorithms**.

By the late 1990s, we had integrated the use of **SoC dedicated to digital video**, establishing a solid partnership with **Pixelworks, Inc.**, and becoming the first in Europe to use their technology. At Infocomm in Orlando in 1999, in partnership with SIM2 Multimedia, we presented the **first completely digital Video Wall**.





TIME	TO	1 ST STOP	TRK	LINE	TRAIN	STATUS
1:12	ROANOKE →	NEWARK AIRPORT	3	REGIONAL	145	IN 14 MIN
1:12	NEW YCRK-SEC	SEC AUGUS	1	NORTHEAST CORRDR	7832	IN 13 MIN
1:17	NEW YCRK-SEC	SEC AUGUS	3	NO JERSEY COAST	7232	IN 24 MIN
1:23	HARRISBURG	TRENTON	1	KEYSTONE	665	
1:24	NEW YCRK-SEC	SEC AUGUS	1	NORTHEAST CORRDR	7834	IN 20 MIN
1:25	LONG BRANCH →	NEWARK AIRPORT	4	NORTHEAST COAST	7245	
1:26	BOSTON	NEW YORK	2	AMTRAK REGIONAL	154	
1:32	TRENTON →	NEWARK AIRPORT	4	AMTRAK REGIONAL	7845	
1:34	BOSTON	NEW YORK	2	AMTRAK EXPRESS	2252	
1:35	NEWPORT NEWS	METROPARK	3	ACELA EXPRESS	09	
1:38	RARITAN	UNION	5	REGIONAL	5523	
1:38	NEW YCRK	NEW YORK	1	NO JERSEY COAST	7632	

WELCOME TO NEWARK PENN STATION
 FIRST CAR AND LAST CAR ON NJT TRAINS ARE QUIET CARS

TRACK 5 FIVE FIVE



TICKETS



DUNKIN



With the advent of new video processors, we expanded our expertise to highly specialized **custom products** in the **avionics** (Multi-Function Display, Multiview), naval (Large Screen Display), **medical, airport, and railway video information sectors.**

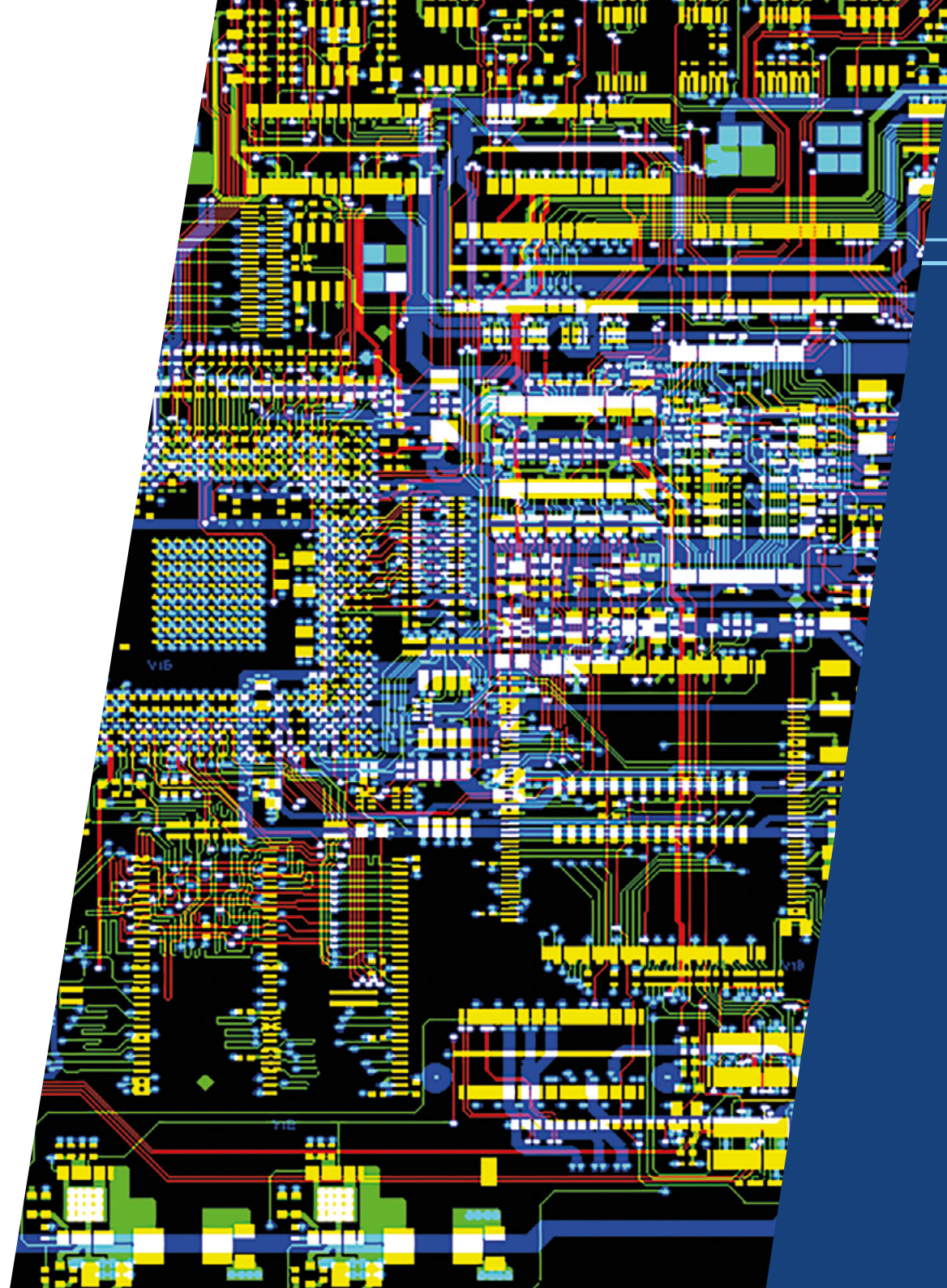
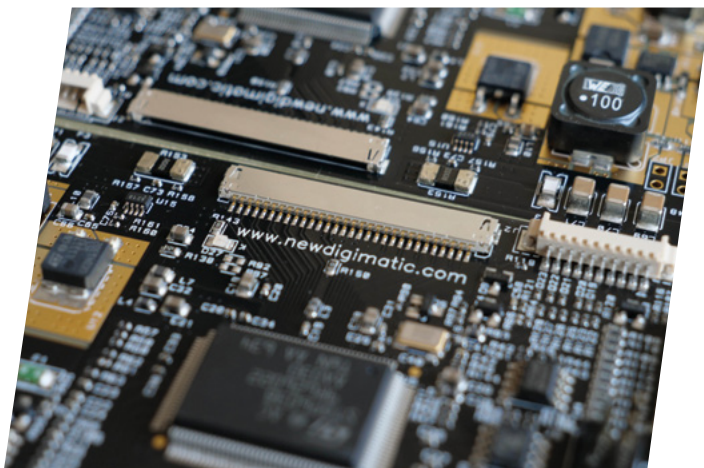


AMONG OUR CLIENTS THERE ARE



In a market where demands are becoming increasingly specific and the time to remain competitive is rapidly shortening, technical quality is not enough. Alongside our products, **support and a constructive relationship become strategic** to ensure the achievement of results with the highest standards in terms of time, cost, and quality.

We can offer **expertise for the development of complex projects** and provide constant support in all phases of the product lifecycle, from design to integration with the client's product.



Custom solutions

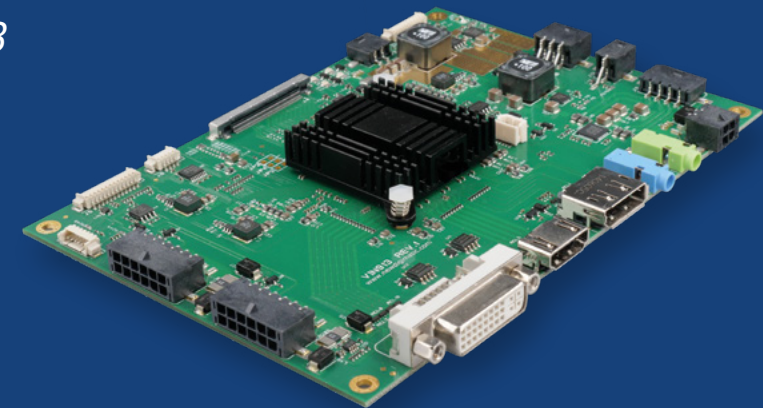
NAVAL SECTOR: LSD

LSD (Large Screen Display) is installed on naval systems, designed and qualified according to MIL standards to withstand harsh environments. It is conceived to be quickly repaired without the need for removal or opening of the apparatus, both for power supply and video controller. It allows the display of a single signal in fullscreen mode and signals in multi-view mode (three-sided view).



RAILWAY AND AIRPORT VIDEO INFORMATION SECTOR: VIN913

The VIN 913 is a high-performance control board for LCD monitors that manages HDMI, DisplayPort, and DVI video inputs, supporting resolutions up to 4K@60Hz. It includes sensors for automatic backlight and ventilation control. Its self-diagnosis capabilities increase the monitor's reliability and reduce downtime.



AVIONICS SECTOR: DVDR, VIN338-HELIX AND MFD21

The DVDR (Digital Video and Data Recorder) enables an avionics system to acquire and record data for mission execution and debriefing, releasing audio and video flight data in real-time for storage on any memory support. The DVDR communicates with the Avionics System equipment via an Ethernet connection, encoding video signals using H264 compression technology.



The VIN 338-HELIX is a dual-processor LCD controller for managing multifunction displays with resolutions up to XGA. Designed to equip avionics display systems, it offers advanced functions for video signal management, including; Picture-in-Picture (PIP) and Picture-on-Picture (POP), with adjustable sizes and positions, digital freeze frame, dynamic On-Screen Text, and video enhancement.

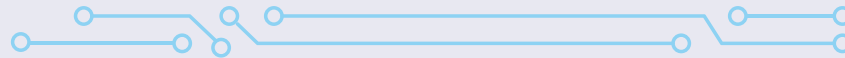


The MFD 21 board is a penta-processor video control board for managing multifunction displays with resolutions up to FHD. It features advanced multi-vision functionalities: PiP, PoP, zooming, panning, and digital freeze frame. The controller can manage up to 24 video signals in formats: DVI/HDMI, VGA, CVBS, SDI-3G, allowing the simultaneous display of 4 selected sources.





Our vision



Our company **is at the forefront of technological sustainability**, and, throughout our history, we have integrated ecological practices into every aspect of our operations. **We use renewable energy** to power our production processes, and our facility is equipped with **energy self-production systems and advanced energy management systems** that allow us to monitor and **optimize consumption** in real time.

Our commitment does not stop here: we collaborate with suppliers who share our vision of sustainability and adopt **rigorous criteria** to ensure that the materials used are obtained **ethically and responsibly**. We are committed to researching and developing innovative technologies that can further **reduce our environmental impact** and invest in projects aimed at improving **energy efficiency** and developing new sustainable solutions.

New Digimatic S.r.l.

📍 Via Zoe Fontana, 220 (Tecnocittà)
00131 Roma, Italy

☎ +39 06 4131273

✉ info@newdigimatic.com

newdigimatic.com

