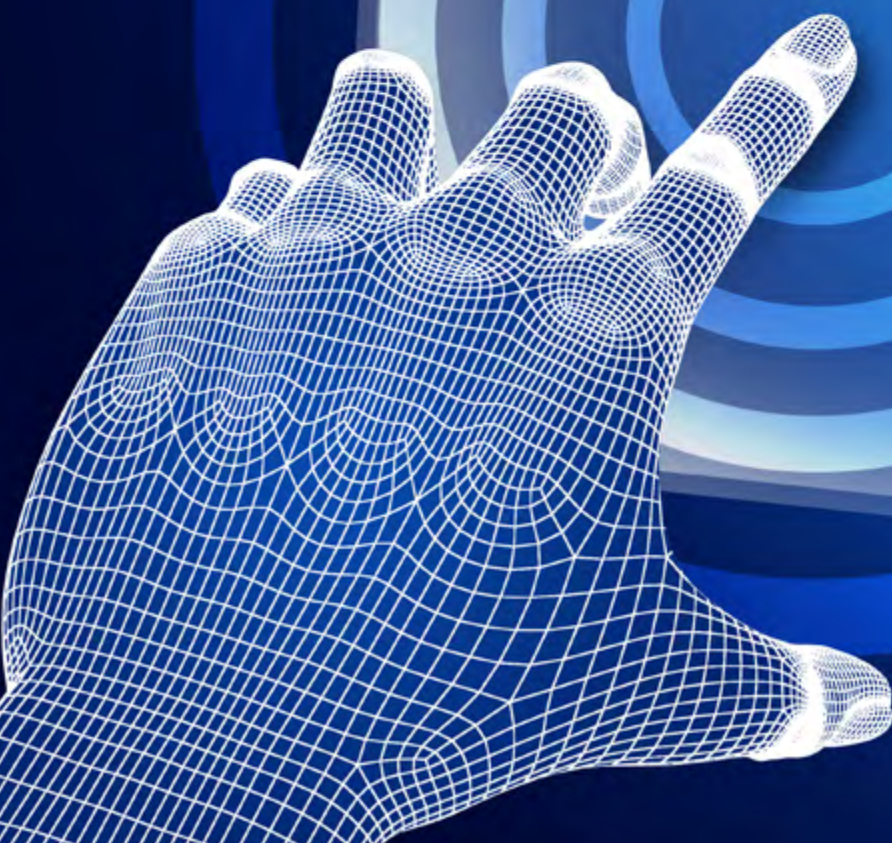




DISPLAY TECHNOLOGY  
A FORTEC GROUP MEMBER

# INFINITE TOUCH

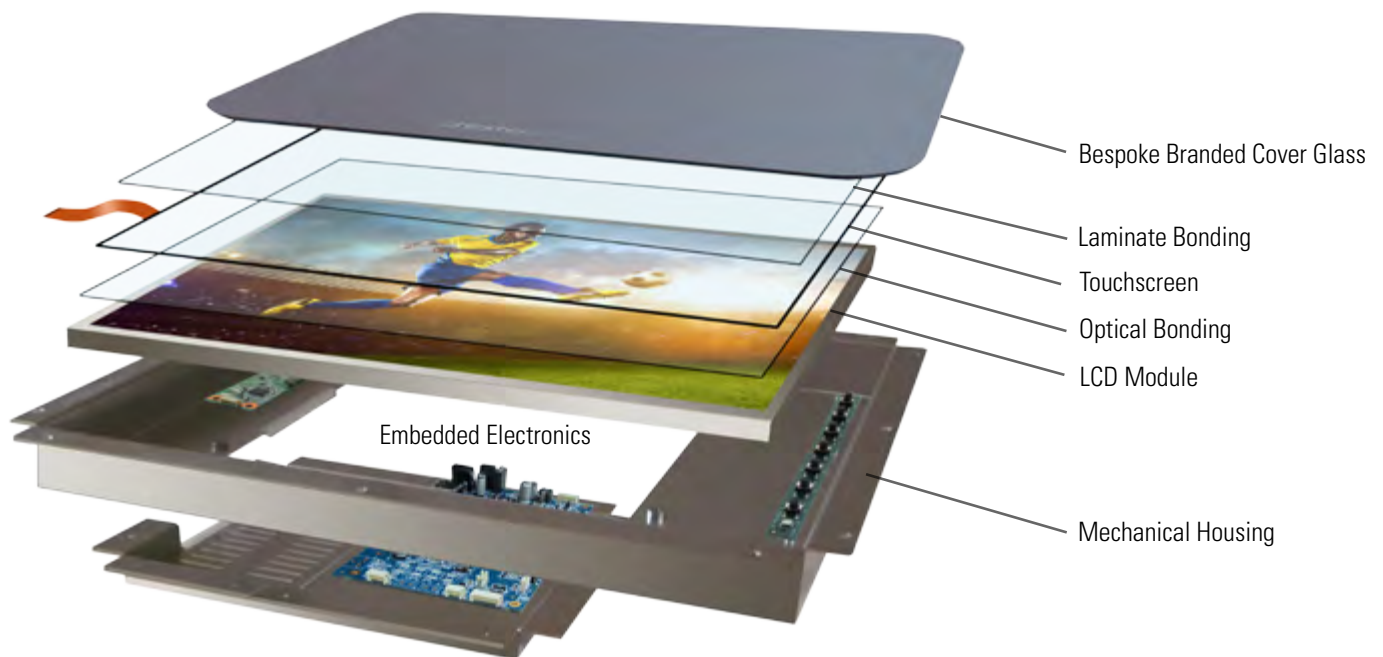
EMPOWERING DISPLAY TECHNOLOGY



# INFINITE POSSIBILITIES

## Infinite Touch

Infinite Touch is Display Technology's projected capacitive (PCap) touch screen solution. Consumer devices such as smartphones and tablets are influencing the design and implementation of the user interface for many new electronic devices and systems. Projective capacitive touch technology detects the change in capacitance of a local electrostatic field when a conductive object such as a finger or stylus touches the front of the touchscreen or cover glass. Infinite Touch enables unlimited design implementations by optically bonding the PCap touch sensor to the rear of a cover glass.



## VacuBond® - Optical Bonding

Display Technology's in-house optical bonding solution, VacuBond®, enables a touch screen, optical filter or cover glass to be attached to the front face of the LCD using a high-quality optical silicon gel.

Optical bonding improves optical performance and display readability by eliminating internal air gaps which reduce internal light reflections from the cover glass, touch screen and LCD. The mechanical strength and integrity of the display structure is also improved by the bonding process.

Continuity of supply is ensured with VacuBond® clean room production facilities in Germering, Germany and New York, USA.



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# FEATURES

- Edge to Edge 'TrueFlat Glass' Projected Capacitive (PCap) Technology
- Cover glass: bespoke user-defined shape, machine-finished edges, application specific cut-outs
- Rear ceramic screen printing for corporate branding, product names and user interface icons,
- Glass options: low ion, anti-reflective (AR), anti-glare (AG), chemically toughened, gorilla glass
- Multi-Touch: up to 10-points with USB and I<sup>2</sup>C interface
- Ideal for strip or optical bonding
- No minimum order quantity (MOQ) and cost effective tooling
- Sizes: up to 32" available

## Applications

Infinite Touch is the perfect touch solution for premium high-end systems and equipment that demand an exceptional, contemporary user interface. Consumer, medical, military, point-of-sale, in-vehicle, automation and industrial control applications all require consistent ease-of-use, excellent optical performance and environmental ruggedness.

**Display specification and details provided by customer**

**Customisation options include choice of size, glass shape and corporate branding**

**Finalise design with glass thickness and surface finish**

**Display Technology engineers and creates a bespoke solution**



Designed and developed in partnership with the Data Display Group, the Costa Marlow is a flagship all-in-one vending terminal implementing a large, bright, user-defined PCap touchscreen interface. The display has been designed for seamless integration into the vending frame for ease of maintenance. A customer facing PC integrates communications and data processing to provide machine telemetry and payment systems.



## TFT Displays

Display Technology can supply TFT displays from a wide range of premium display manufacturers including AUO, Innolux, Kyocera, Mitsubishi and Tianma NLT.



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## ABOUT US

Established in 2001, UK based Display Technology is part of the Fortec AG group of companies. Display Technology develops and supplies highly innovative display solutions for industrial, consumer, medical, in-vehicle and professional applications. Supporting all project phases from initial concept, design and development, procurement and production, Display Technology will supply fully bespoke designs incorporating TFT LCD modules, touchscreen integration, optical bonding, embedded electronics and mechanical housings.

### Contact us

**Display Technology Ltd.**  
5 The Oaks Business Village  
Revenge Road, Lordswood  
Chatham, Kent, ME5 8LF  
United Kingdom

☎ +44 (0)1634 672755

✉ [info@displaytechnology.co.uk](mailto:info@displaytechnology.co.uk)

🌐 [www.displaytechnology.co.uk](http://www.displaytechnology.co.uk)

**Distec GmbH**  
Augsburger Str. 2b  
82110 Germering  
Germany

☎ +49 (0) 89 894363-0

✉ [info@datadisplay-group.de](mailto:info@datadisplay-group.de)

🌐 [www.datadisplay-group.de](http://www.datadisplay-group.de)

**Fortec AG**  
Lechwiesenstr. 9  
86899 Landsberg am Lech  
Germany

☎ +49 (0) 8191 91172-61

✉ [sales@fortecag.de](mailto:sales@fortecag.de)

🌐 [www.fortecag.de](http://www.fortecag.de)

**Apollo Display Technologies, Corp.**  
87 Raynor Avenue, Unit 1  
Ronkonkoma NY 11779  
United States of America

☎ +1 (1) 631 580 4360

✉ [info@apolloDisplays.com](mailto:info@apolloDisplays.com)

🌐 [www.apolloDisplays.com](http://www.apolloDisplays.com)

