



# GENEE CARE SOLUTIONS

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*Collaboration Innovation*



## The Genee Care Solution

Creating products for the education and corporate environments for the past 20 years Genee has become a beacon for creating innovative technology to help students, teachers and business around the world to collaborate and achieve success.

Genee currently manufactures touchscreens, visualisers, visitor management systems, a full range of stands trolleys and wall mounts. Not only do they manufacture hardware they also have a dedicated team to create a range of learning activity software for different applications.

### Brief

During the height of the COVID-19 pandemic care homes were hit extremely hard and due to the restrictions, many families were not able to see their loved ones.

With some residents not having access to digital devices or the knowledge of how to use these devices, residents were not able to contact or see their families in the same way the rest of the UK could.

In addition, many personal devices have small screens making it difficult to see and use the screen. Small personal devices are also difficult to share activities with other residents.

### The Solution

Genee saw an opportunity to create a product to help this market and enable residents to communicate easily with their families. Not only this but to create a solution that would give residents opportunities to engage with each other and give care homes the ability to use the solution for multiple purposes. Multiple applications mean maximising the time the solution is used and therefore offers a better return on investment.

As a manufacturer Genee designs and supports all of its customers from the UK which enabled them to quickly adapt to the UK's requirements and create a product specifically for the needs of this market.

Genee have developed a highly flexible and robust touch screen solution for care, residential and nursing homes, that can be used by residents and staff throughout the homes.

The G-Touch Care Solution allows residents to view videos and TV shows, set up video conferencing for residents with their family and friends, encourage the residents to participate in interactive activities whilst sat at the interactive touchscreen table and even be used by the staff for group activities, staff training or inter-care home video conferencing. The solution also includes software that can help with residents with health issues, including dementia and Alzheimer's.



### The G-Touch Screen

Genee has been manufacturing G-Touch screens for over 15 years. When creating the solution Genee wanted to create a touchscreen that was incredibly easy to use but packed with features to enhance the resident's experience. It needed an interface that was simple to use even if the user is not I.T literate.

Genee introduced a new 55" 4K Plus Touchscreen which after significant R&D became the perfect fit for care homes due to the size being big enough for multiple residents to use the touchscreen at the same time, but also being small enough to store and move the touchscreen around the care home from room to room.

The touchscreen has durable and toughened safety glass which can be easily cleaned and will not be damaged. It also features:

- 2 x 15w built in speakers loud enough for noisy rooms
- HD video conferencing camera, allowing residents to video call families & friends and staff to video conference with other care home sites
- A range of inputs and outputs to connect additional peripherals if required
- A built in PC which allows users to access the range of software and Apps curated specifically for residents. The built in PC also allows staff to use the touchscreens as a normal functioning PC.
- Android 8.0 built-in allowing thousands of additional Apps to be selected and added to the touchscreen as required.
- Wi-Fi giving the flexibility to be moved from area to area without concern about network ports.

### The Electric Trolley

The G-Touch Care Solution would not be complete without a stand suitable for multiple use. The most common way to mount a touchscreen is on the wall; however, this would not work for care homes and it would limit the usability. Genee had to create a specially designed trolley for care.

Instead, Genee created a mobile stand that can be electronically adjusted by height and offers 90-degree angle adjustment from horizontal to vertical making access easier for chairs and wheel chairs. However, most stands do not allow the screen in its horizontal position to lower to a suitable level for wheelchair uses so Genee modified theirs to drop to a lower height to create wheelchair suitability. With a lightweight but strong steel structure, the stand has been designed for intense daily use. The stand can easily be moved from room to room on its 4 integrated castors with the addition of locking brakes, for safety and security.



### Software

The software user interface was a critical factor when developing the G-Touch Care Solution. As soon as the touchscreen is turned on the system loads into a tablet style of multiple icons containing the software and applications used on a daily basis without the need for PC style login.

Genee is continuously developing their own software to maximise the use of digital touch technology including its own SPARK II interactive software turning the screen into a whiteboard for drawing, annotation, video integration and even recording for replay or to send as an external file. Genee's Spark II has been developed with the 3-touch rule in mind allowing users to access any function within 3 touches; ensuring an intuitive and easy way to use the G-Touch® screens. With Genee's dedicated software team and using the newly developed front end interface, Genee was also able to curate a range of software that is applicable to the care homes such as:

|  |                          |
|--|--------------------------|
| Oomph Application – this is a well-known care home administration software package | Google Meets             |
| Remind me Care – this is a well-known care home administration software package    | Reminiscence archive     |
| YouTube  | Sensory Fluids           |
| Google Earth & Google Street View  | Jigsaw Puzzle Epic       |
| Spark II – Genee's own interactive whiteboard software                             | Bingo At Home            |
| VLC Player - Playing almost any video format                                       | Realistic fireworks show |
| BBC iPlayer  | Glow Hockey 2            |
| ITV Hub  | Dominos                  |
| Pathe Films  | Chess                    |
| Amazon Prime   | Checkers                 |
| Netflix  | Backgammon               |
| Microsoft teams  | Sensory – Recover Brain  |
| Skype  | Colouring Pages          |
| Zoom   | Sudoku                   |
| Brain Games  | Card Games               |
| Spotify  | Facebook                 |

### Other uses

Not only is the G-Touch Care Solution built and developed for residents, it has also been created to help staff. Staff can use the touchscreen for training purposes as the large format displays allow multiple staff to see and engage with the session, and the built in Windows PC allows all Microsoft Office Suite to be used without the need for an external device. You can even plug in a memory stick and give an interactive presentation and annotate over it as you go along. The touchscreen can also be used as digital signage to showcase the latest news in the care homes and display messages to staff and residents.



### Support and Warranty

All Genee products are designed and supported in the UK. This allows them to support their customers directly. Genee ensures to provide the ultimate customer experience, which is why Genee is one of the few AV manufacturers that employs its own dedicated internal technical team, rather than subcontracting to a third party.

You can be rest assured when it comes to our hardware and software support, it will be a Genee qualified engineer who will provide the best customer service and support.

The Genee G-Touch Care Solution comes with 5 years warranty as standard with no additional costs and Genee bring the equipment to the care home, install it, test it on site, and then offer free online training to ensure the care homes get maximum use of this incredible solution.