

Case Study

Smart Air Purifier



2017

Integrating Software into Hardware

Smart Air Purifier *Mila*
www.mymila.co

Genimex helped Mila, a Shanghai-based startup, design & develop its idea into the perfect family air purifier and smart home appliance. Multiple air purifiers are rented on a monthly basis.

✓ Industrial Design & Product Engineering

- Genimex's US & Chinese designers have collaborated closely to come up with Mila's look following the client's requirements and ongoing feedback.
- Genimex's in-house engineering team fully engineered this filtered air purifying system. Multiple phases of prototypes were made and improved in the process of developing the innovative system.

✓ Prototyping & Software integration

- Genimex coordinated the hardware/software integration of the system with the client appointed APP design team and the firmware team.

- Mila uses an array of sensors to track indoor pollution levels, then adjusts fan speeds to maintain optimal air quality in each room.

✓ Manufacturing & Quality Control

- Genimex has partnered with the very best supplier out of 20 audited by Genimex's in-house Quality Control team, to manufacture quality products.
- Integrating software and hardware can be tricky. Genimex successfully worked towards manufacturing a reliable air purifier thanks to the various Quality Control steps taken along the way.



Mobile Application



Filter technology

Mila packs best-in-class 3M HEPA and activated carbon filters to remove up to 99.97% of pollutants such as PM2.5, chemicals (like formaldehyde and benzene), smoke, dust, bacteria, odors, and allergens.

Low noise technology - max. 60 dBA

Mila whispers at barely audible low speeds to maintain air quality, just like an air conditioner.

Our client since 2015, Genimex's project management team has overseen this project from concept to distribution.

Contact us now
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