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BEST POWER MODE AND THERMAL PROFILE FOR DIFFERENT COUNTRY

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Best power mode and thermal profile for different country

PC power/thermal performance is always crucial for our end customer, and related to our Net Promotion Score, we got different thermal preference from different countries, for example, A country prefers better performance, B country prefers lower skin temperature, C country prefers quite system...etc.

Different thermal preferences for different countries

A country prefers better performance

B country prefers lower skin temperature

C country prefers quite system

We can use this invention to fulfill different end user power/thermal performance demands for great user experience.

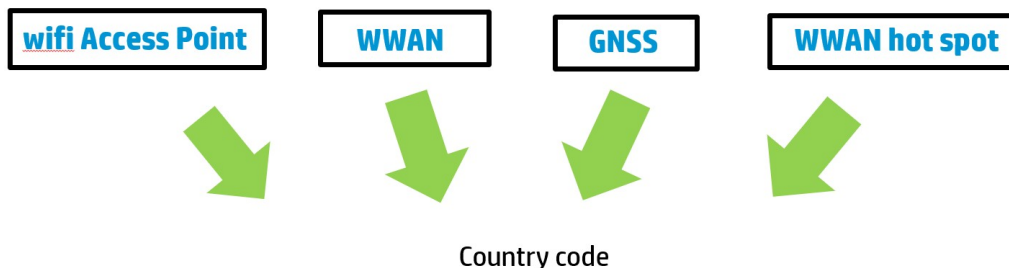
Conventional Approach

One generic power/thermal profile for worldwide, got a lot complaints due to end user preference from different countries is totally different. For example, end users from A country complain PC performance is not great as their expectation due to our generic power/thermal profile don't tune up CPU/GPU performance; and end users from B country complain skin temperature is too high to accept by our generic power/thermal profile due to lower fan speed and higher CPU/GPU power; and end users from C country complain too noisy from our fan from our generic power/thermal profile.

New Approach

This new approach can offer different power/thermal profile to meet different countries demand, we collect power/thermal profiles from every country in the world, we categorize those power/thermal profiles by country code, once our PC boot up first time, power/thermal profile will be configured automatically by country code received.

How to optimize power mode/thermal profile to offer best user experience



After power/thermal profile configured, end user from different countries can fulfill their requirement, that will offer great user experience.

Best power mode/thermal profile for different country



While unit is connected to internet first time, it will change recommend power mode followed every country preference by country code.



Great user experience

Disclosed by Kun-Jung Wu, Leo Joseph Gerten, Chichung Ho, Wallace Huang and Albert Ma, HP Inc.