



Documentation Authentication by LED

An established publicly traded company serving in the market of identity solutions chose API when it came time to design their new line of document authentication products.

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API assessed the requirements of the application, such as total cost, size, and repeatable accurate measurement. The proposed light emitting diode (LED) solution was cost efficient and met the performance requirements while maintaining compatibility with the existing CCD camera sensor. The need was for a robust and accurate reader of US Government issued documents (passports, driver's licenses, etc.) in support of Homeland Security initiatives for border control and document validation. Emphasis was placed on high degree of wavelength control of the LED as well as suitable performance over a wide range of environmental temperatures.

The range of new authentication products are currently being introduced to the market with a 40% increase in accuracy over previous designs and customer feedback is extremely positive.