



# Smart Phone Assembling system for ACER INC



TalentPace helped Acer rising with digitally planned new smart phone assembling processes and significantly contributed in reduced time -to-market.

## Customer Profile

Founded in 1976, Acer is one of the leading personal computer vendor in India and overseas. Acer India (Pvt) Limited, is a subsidiary ACER Inc, and was incorporated as a wholly owned subsidiary of Acer Computer International, Ltd. in 1999. Headquarters in Bangalore, India, Acer India (Pvt) Limited is a leader in key segments such as education, desktop computers and high profile notebooks for corporates.

## Business Scenario

- Acer India needed to optimize smart phone assembling process to achieve quick time-to-market and manage global markets and competition by quick and shorten lead times.
- Desired to develop a solution ensuring smooth and seamless workflow to communicate with industrial equipment, help reducing cycle times, and decrease in material waste.
- The new system has to bring ability to virtually analyze complex assembly scenarios of the new product lines with first time right approach and improve quality and consistency in manufacturing.
- A factory with multiple units of manufacturing wanted to connect all the units, making data visualization, monitoring, control and analysis easier than it had ever earlier.



## Solution Delivered

- TalentPace team assessed the client's operations and architected an ASP.NET MVC based application enabling assembling team operators meeting production goals of each line.
- We have successfully countered the challenges with the established delivery model, methodologies and end to end application development lifecycle as per the CMMI framework.
- Provided robust, scalable and secured architecture and developed the entire system in a quick turnaround time.
- Keeping in mind all the critical factors and major concern of the client, we have provided cost effective solution in short turnaround time with a well-qualified and very proficient team of technical professionals to develop the complete Smart Phone Assembling management system.



## Business Benefits

- Our solution provided the ability to integrate information from a broad range of equipment and systems bringing high visibility with unified and standardized communications across the assembling units of Acer Inc.
- Reduced lead time and the overall duration of assembling processes
- Substantially shortened lead time
- Significantly reduced bottlenecks in assembling processes and maximized production resource utilization.



## Technologies

- .NET Framework
  - C#.NET
  - MVC4
  - Entity Framework
  - Rest API
  - SQL Server
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*SPAS was very critical and entire management was keen to see this product launch in our assembly unit. As ever TalentPace has taken this challenging task and delivered an accurate and comprehensive solution automating the whole smart phone assembly processes in our plant. Time and again TalentPace continue to prove a reliable partner for Acer Ind.*

**Venkatesh**

Senior Program Manager  
Acer India

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## About TalentPace

TalentPace is a leading new generation information technology and global consulting services company delivering IT enabled solutions to the customers from across the geographies. Deep industry experience combined with customer centric approach makes TalentPace a remarkable partner in successful business outcomes. Our strong commitment and demonstrable capabilities TalentPace always delivered measurable and sustainable services to our customers. For more information, please visit [www.talentpace.com](http://www.talentpace.com) or write to us at [info@talentpace.com](mailto:info@talentpace.com)

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