

Intelligent forms for the motor vehicles and automotive industry



Challenge

- Automotive manufacturers, plant engineers, production companies and check stations for vehicles and traffic are under extreme pressure to compete, and look for possibilities to lower/cut the process costs.
- It is very important to reduce the margin of error during data acquisition, and eliminate the media discontinuity and format mismatch.
- Mobile co-workers should be better connected to internal processes to accelerate data acquisition and speed task completion.



Advantages/ Benefits of our solution for the automotive and traffic industry

- The number of process steps during data acquisition is reduced.
- Even if you are mobile – you have direct access to the latest data in the central system.
- Also, data captured while mobile can be written directly into the inventory update system. Alternatively, you can cache the data locally and synchronize them with the inventory update system at a later time.
- Process costs are reduced by handling the resulting tasks sooner.



Design Universe makes the form-based digital data acquisition possible with the E-Pen&Forms products. The integrated, efficient handwriting recognition greatly simplifies the accurate filling of electronic forms.

Important form-based information is captured with the use of intelligent forms, e.g. in assessing property value and damages, quality assurance in the automotive sector, sanctioning of drivers' licenses and security checks.

The input takes place with a pen, whereby the handwriting can be synchronized with the central system or a database.



The tool for data acquisition by hand

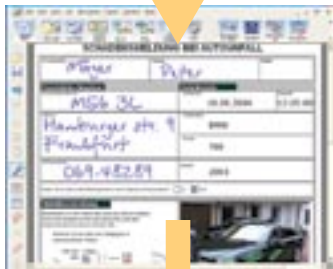
E-Pen&Forms Filler for Tablet PC is a perfect tool to fill and save data with predefined forms. The powerful handwriting recognition enables the conversion of handwriting in typescript.

Predefined fields can be quickly filled by connecting the forms to external data sources, such as databases or Excel lists.

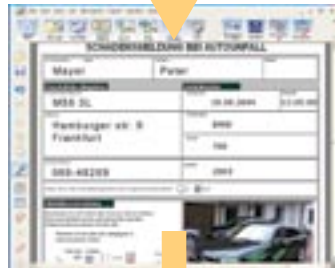
As easy as importing data, captured data can be exported to different Office applications like Excel, Powerpoint and Outlook, to databases such as Oracle or MySQL, or directly to applications like Siebel or SAP.



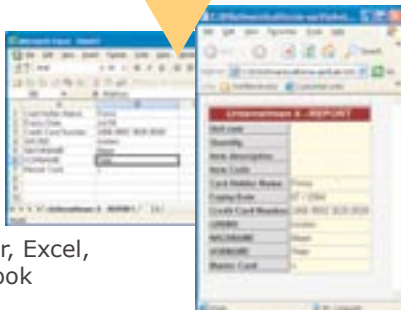
Write



Recognize



Export



SQL Server, Excel,
XML, Outlook
and more

E-Pen&Forms Filler is more than just a tool for data acquisition

- **Work without paper using intelligent digital forms.** You can fill your forms directly on a Tablet PC by hand.
- **Very good ergonomics and acceptance.** The original layout is preserved.
- **Every size and format** of paper form can be used.
- **Specific functionalities** e.g. plausibility checks, digital signature and dependencies between fields can be used.

- **Connections to** databases, Excel, CRM-Software and construction automotive software are possible.
- **Import and Export** to many applications; e.g. all Office applications, CSV and XML; are available.
- **A smart form can be directly sent by email**
- **The direct synchronisation** of MS Outlook dates, tasks, reminders and contacts is available.

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The handwriting on paper is digitally captured

While E-Pen&Forms Filler is used with Tablet PCs, alternatively the Digital Pad "E-Pen&Memo" can be used which stores handwriting on paper electronically. Of course the paper is preserved.

While the user writes on the paper, a digital copy is created, which is saved in the Digital Pad.

- The Digital Pad saves all handwriting, e.g. notes, drawings and filled paper forms.
- Up to 1000 forms can be stored in the Digital Pad.
- The Digital Pad can be used completely uncoupled from the PC.
- With a weight of 1.24 lbs the Digital Pad is extremely mobile.
- After the acquisition the handwriting can be transferred to a smart form on the computer and processed.
- The handwriting can be recognized in typescript using powerful recognition software.
- Like E-Pen&Forms Filler for the Tablet PC, the Digital Pad software has many available features such as plausibility checks, automatic calculations, connections to databases and numerous export capabilities.



Product info:

www.design-universe.com/tabletpc.htm

Flash Demo and Training:

www.design-universe.com/demo.html

Evaluation software is available on request

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