# Electric Paper
AUTOMATED DOCUMENT SOLUTIONS

## eForm Suite for TeleForm –
## Create and Process Intelligent eForms
## in PDF and HTML

eFORM SUITE
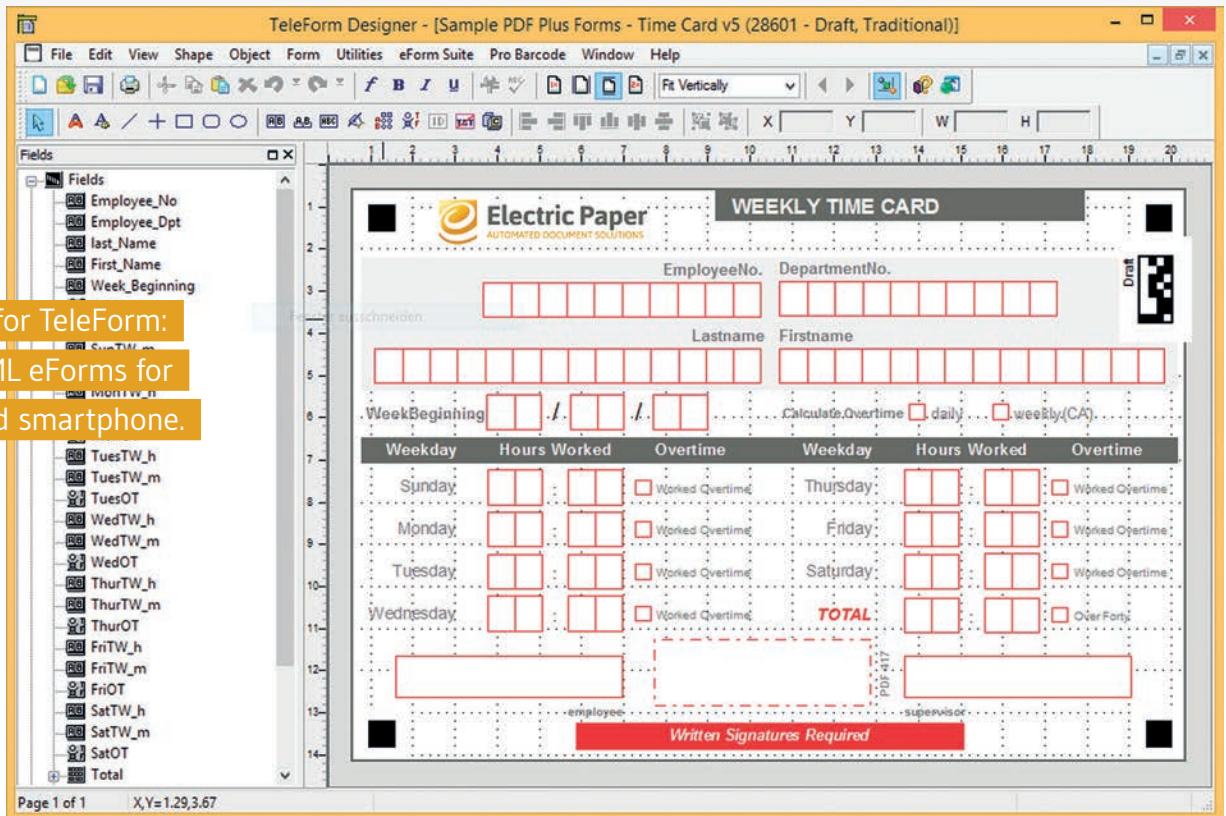FOR TELEFORM
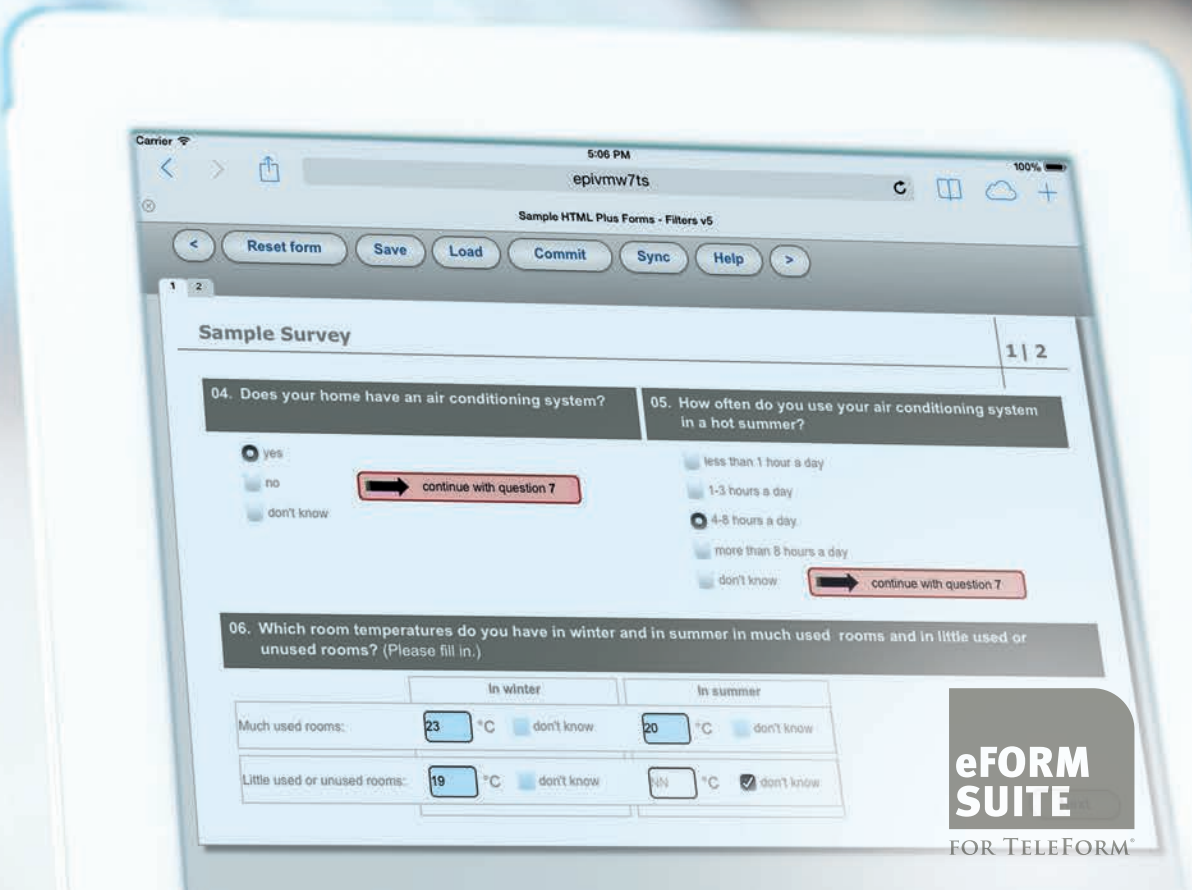
# Double the Value of your TeleForm Solution

The product eForm Suite extends your TeleForm solution with the ability to create intelligent PDF and HTML forms (so-called eForms), and to process these on an equal footing with paper-based documents. Data is validated on entry, encrypted, sent and automatically processed. In the data export, eForm Suite creates an electronic confirmation and personalized forms. In this way, data capturing is fully automated, transparent and legally compliant for all parties involved. Since first being published in 2003, the product has been continuously developed and updated.
The latest version supports tablets and smartphones and offers offline capabilities and camera support for capturing photos.

Today more than 200 organizations worldwide work with the TeleForm eForm Suite solution.

**Benefits** | eForm Suite for TeleForm

> Create and process intelligent eForms

> Single Source WYSIWYG publishing for eForms on PC, web and mobile devices

> Offline data capturing and synchronization functions for decoupled working

> Applications and eReply confirmation directly from one solution

> No more data entry: Create 2D barcodes as well as legally binding signatures

*All document fields from the TeleForm Designer are automatically converted into input boxes, checkboxes and input combs etc. In this way, the documents can either be transmitted (via email, Internet) or printed and returned manually. Furthermore, documents can be manually complemented, i.e. with stickers and additional documents. The hybrid document processing technology supports all possible media (paper, email/Internet, fax).*

# Clean Data from the Start

## TeleForm AddOn: Hybrid Capturing with Electronic Forms

With eForm Suite you are opening new paths of digital applications within your existing system architecture, doubling the value of your investment. Extend your TeleForm to a unique hybrid capturing platform for all electronic and paper-based capturing processes.

## Create Intelligent Forms as eForms from the TeleForm Designer

Electronic forms are generated directly from the familiar environment of the TeleForm Designer and with a mouse click published as HTML and/or PDF documents.
All layout parameters such as form fields, attributes, field properties and validation rules that have been set are adopted into the electronic form. By adopting the rules of completion, calculations and other specifications embedded in the design, the electronic form automatically receives the desired intelligence. At the same time, the acquisition of details in design and 'Look and Feel' ensure high user acceptance.

## Clean Data Right from the Start: Client-side Validation During Form Completion

The acquisition and application of the form logic in the electronic form allows the automatic validation of input while the user is entering data. Thus, the data validation takes place there where it makes most sense: at the data source. Incorrect or incomplete forms belong in the past.
As such, the necessity of visual validation and interpretation in the TeleForm Verifier is no longer applicable. Immense time and cost savings can be made compared to classical form processing. Special validation rules, conditional mandatory entries and input barriers can be stored with no particular programming knowledge, but on the basis of the integrated EPEL expression language in the TeleForm Designer.
In addition, there is a comprehensive object and event model for providing advanced and reusable script routines for HTML and PDF forms.

*eForm*



*Scan*



*HTML form on mobile device.*



*In all operations where a handwritten signature on paper is required, dynamic 2D barcodes come into play. The barcode is automatically generated before printing, using the (free) Adobe Reader, and includes all the relevant entries on the forms. In this way, the media break is overcome when reading the document in and the data is extracted without the need for additional correction.*
*You save capturing time and at the same time increase the quality of the data collected!*

*With just a few mouse clicks a form can be loaded on to a mobile device and can be saved as an app for offline use on the 'HomeScreen' of the device. The data captured offline remain in the memory of the device until the next synchronization.*

## On-screen Signing

Certain processes require a legally binding signature. Therefore, eForm Suite supports all standard signature processes based on smart cards with a PIN or biometric signature capture with a digital pen, e.g. a signature pad or the screen of a tablet.

With the TeleForm module „Pro Barcode Option" all previous form entries can, before being printed, be encoded in a 2D barcode. This maximizes the efficiency of data capturing and saves you the manual verification of the input.

## Camera Capture – Photos as "Proof"

Take photographic evidence for the complete documentation of facts. Capture them directly from within the electronic form or access device folders to upload image files.

Photos are embedded in the form or can be attached as separate documents. Even an OCR or barcode reading is possible with TeleForm.

## Central Document Management and Secure Data Transfer

With the centralized provision of electronic forms on a web server or in a public directory, there are always the current versions of your forms available. The return path for the data can be defined flexibly: Via the data agent the results from various sources are collected (POP3, IMAP, Public Directories, FTP, ODBC) and transferred to the TeleForm Reader.

## Encrypted Transmission of Data

The protection of sensitive data is supported by the integrated public/private key based data encryption and transfer function. A non-authorized decryption of the data is impossible in eForm Suite, and as such, renders the interception of data on its way to the recipient a futile exercise.
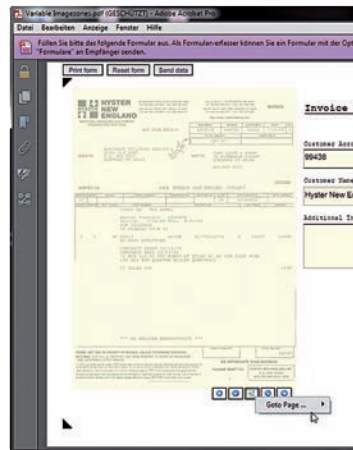
On mobile devices with built-in camera pictures can be taken and embedded in the eForm.



With the e-ink functionality it is possible to sign directly on-screen.

With the integrated eReply Export Connect Agents, response documents can be sent automatically from a TeleForm export process. Various target media are supported (email + attachment, print, fax). The process recipient, subject + message content as well as the (optional) document or form attachment are personalized in TeleForm. The eReply Export Connect Agent not only allows automatic responses, but also the (conditional) initiation of new form-based processes.

## Working Offline

Especially for the use of decoupled mobile tablet devices, notebooks or smartphones, functions have been integrated which allow for the completion and interim saving of data without having an online connection. In this way, data can be collected 'on the move' and transferred later.

## Create Dynamic eReply Answers, Send Personalized Forms

Save time and automatically send emails and PDFs dependent on defined actions. These are dynamically generated and personalized and individually-customizable with embeddable field and image information. In this way you can accomplish the fastest ever form-based collection and feedback processes. And because in the real world errors and exceptions are rather the rule than the exception, all data received can be archived and documented or, as a control mechanism, sent as an email or only partially activating certain exports, i.e. as an automatic response to an applicant or to the process owners.

*With the PDF forms from eForm Suite we give doctors, interviewers and our project partners the choice to document on an electronic or paper-based basis. With TeleForm we can conduct our extensive epidemiological studies efficiently and equally effectively.*

Dr. Dirk Taeger
Institute for Prevention and Occupational Medicine of the German Social Accident Insurance, Institute of the Ruhr-University Bochum (IPA)

eFORM SUITE
FOR TELEFORM

**Form Generator** create with a mouse click HTML and PDF forms from TeleForm templates. Automatic adoption of preset plausibility checks in the electronic form.

**Data Agent Application Service** receives and processes the (encrypted) data from the electronic forms. This module can be seen as a 'reader' for electronically received forms.

**Integration Module for IIS and Apache Web Servers** is a web server extension capable of receiving electronic forms. It also serves data queries on personalization and automatic validation as well as auto-completion of form entries.

**Export Connect Agent for AMP** creates automatically personalized response documents from the TeleForm Data Export by the automation in the AutoMerge Publisher.

**eForm Export Connect Agent** sends personalized emails including pre-filled forms and attachments directly from the TeleForm Export processes. This can be extended with system documents and Java scripts.

**PDF Form Report** is a tool for automating the creation of TeleForm template documentation. This is valuable for users who, for regulative reasons, are required to precisely document any changes in a template.

**Recommended Product Extension for Hybrid Capturing:**

**Pro Barcode Option** enables the direct generation and interpretation of various 1D and 2D barcodes whilst completing the electronic form. When printing, the users entries are automatically bar-coded, and when read in with TeleForm, a particularly efficient form of media-bridging is achieved.

## Electric Paper Informationssysteme GmbH

...developer of the eForm Suite for TeleForm – is part of the Electric Paper group of companies that was formed in 1996 and by now provides automated data capture solutions to more than 1,000 organizations worldwide.
The company group employs 70+ people and maintains locations in Germany (Lüneburg), United Kingdom (London), Switzerland (Zurich) and Hungary (Budapest). Partners around the world distribute its products.
Focus of the Electric Paper Informationssysteme GmbH are consulting, development and implementation of enterprise input management and capture systems for organizations of all sizes. The company uses well known best-of-breed solutions (like HP TeleForm) and provides interface adapters to most ECM systems.
The solutions for capturing, intranet/social media and process automation support seamless collaboration while increasing transparency, enhancing information availability and reducing waiting or processing times to a minimum.

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