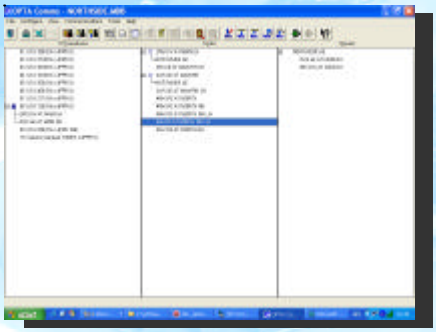
Opta Comms Software

Entry level torque audit software package



Key Features

- **Bi-directional communication between PC and products of the *Opta* platform**
- **Statistical calculations (Cp, Cpk, Cm, Cmk, range and x-bar)**
- **Download of run-down graphs to MS Excel**
- **Archiving of torque data for traceability**
- **Customise to user specific vocabulary**
- **Real time display of torque reading using Autoprint capture feature**
- **Shift reading count giving shift OK or NOK totals**

Product Overview

For customers using products in the *Opta* range for data collection, *Opta* Comms enables torque jobs (characteristics) to be created quickly and easily on a PC.

These characteristics can then be downloaded to all the products of the *Opta* platform for data collection in the workplace; whether it is a data collector, TorqueStar *Opta* or a fully integrated digital wrench, ProWrench *Opta*. Up to 20,000 readings can be stored in time and data stamped subgroups against up to 250 individual characteristics identified by names, such as tool serial number or operation number.

A complete list of torque characteristics or 'rounds' can be created on the PC and transferred to the *Opta* unit, giving the operator a "to do" list which can also include "flag & action" functions.

All data can be quickly and simply uploaded back to the PC or Crane's web enabled torque management system "Control *Opta*". Control *Opta* is a web enabled torque management system with real time audit status that has been developed to reduce downtime in multi-site organisations.

Data stored within the *Opta* Comms programme can be analysed and basic statistics calculations performed such as range, mean and sigma of selected data. Furthermore, data can be transferred quickly to 3rd party packages such as MS Excel, MS Access, ASCII and SPC applications.

Using *Opta* Comms in conjunction with an *Opta* unit gives an entry level torque audit package offering a complete solution from readout to data archiving.

For further advice on which software solution best meets your requirements, contact Crane Electronics.

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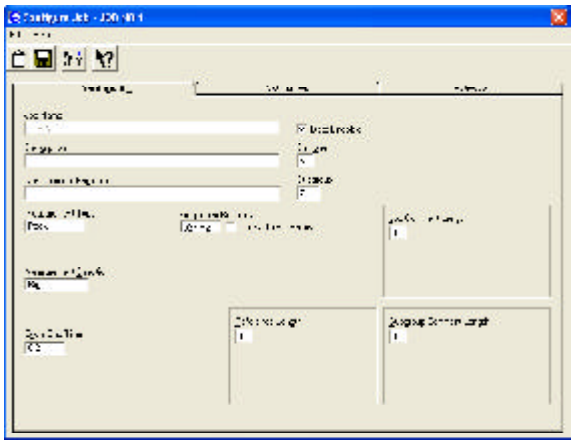
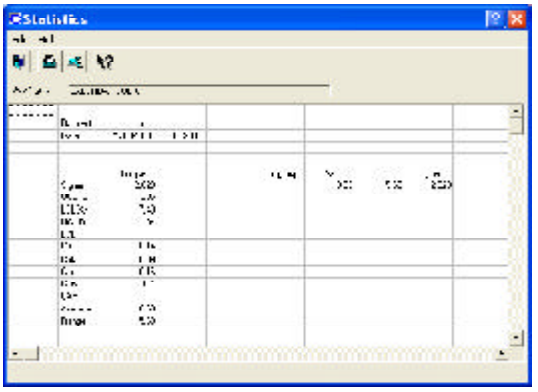
Menu/Screen Examples

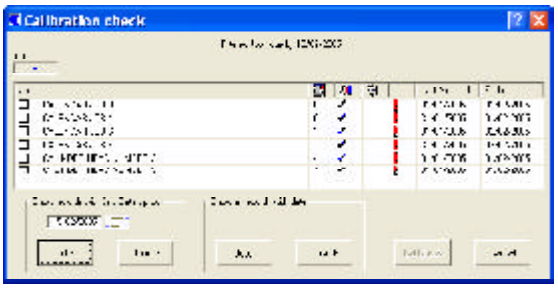
Set-up torque characteristics



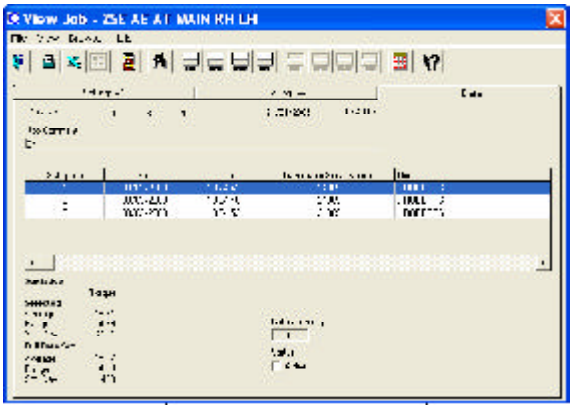
Statistical Calculation (Cp, Cpk, Cm, Cmk, range and x - bar)



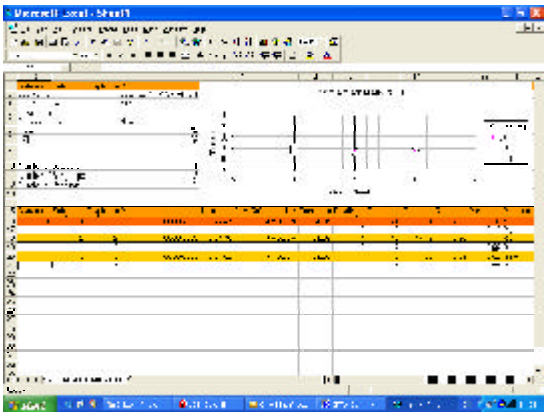
Torque tool calibration scheduling



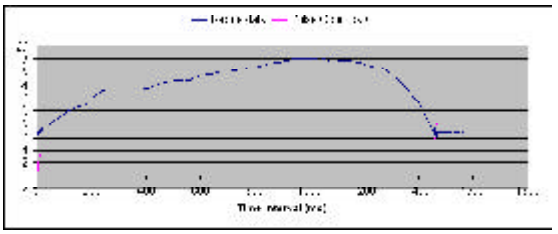
Jobs and stats



Graphical representation of results in MS Excel



Run-down graph



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Comparison Table

Function	*Opta Comms*	*Opta Comms Plus*
Enablement for bidirectional communication with products of the *Opta* platform	•	•
Set-up transducers, data collectors and integrated digital wrenches in the *Opta* range	•	•
Set-up torque characteristics (jobs & rounds)	•	•
Set-up flag & action (customise instructions & actions for out of spec measurement & readings)	•	•
Set-up different users & passwords	•	•
Archive data to enable upper specification limit (USL) & lower specification limit (LSL) changes	•	•
Customise to your company vocabulary, or user specific language	•	•
Raw data export to MS Excel	•	•
Torque tool calibration scheduling (calendar function)		•
Statistical calculations (Cp, Cpk, Cm, Cmk, range and x-bar)		•
Download of run-down graph from *Opta* products to MS Excel		•
Graphical representation of results in MS Excel		•

Order Codes

Item	*Description*
OM-900-01CR-0-0	*Opta* Comms
OM-900-99CR-0-0	*Opta* Comms Plus

Opta Platform

Item	*Description*
TorqueStar *Opta*	torque indicator and data collector
JRS *Opta*	joint rate simulator for machine capability testing
ProWrench *Opta*	integrated digital wrench and data collector
TMAC *Opta*	tool monitoring and control system of transducerised air tools
Control *Opta*	web enabled torque management system

Calibration

Opta Comms helps you to schedule the recalibration of your torque measurement tools.

Crane Electronics Ltd operates a calibration laboratory accredited by UKAS, the UK Accreditation Service. All Crane products are issued with a calibration certificate traceable to National and International Standards. It is recommended that torque instrumentation is recalibrated at least every 12 months.

Crane Electronics Ltd operates a policy of continuous product development and improvement, and so technical specifications may change without notice. Please clarify with Crane or your distributor that you are referring to the latest technical data sheet.

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The force in torque management

Crane Electronics Ltd
Watling Drive
Sketchley Meadows
Hinckley LE10 3EY
United Kingdom

+ 44 (0) 1455 25 14 88
+44 (0) 1455 61 47 17
sales@crane-electronics.com
www.crane-electronics.com

Certificate No. FM21539

Certificate No. LRQ 0773110

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