Panasonic Industry Europe GmbH

Robot & Welding
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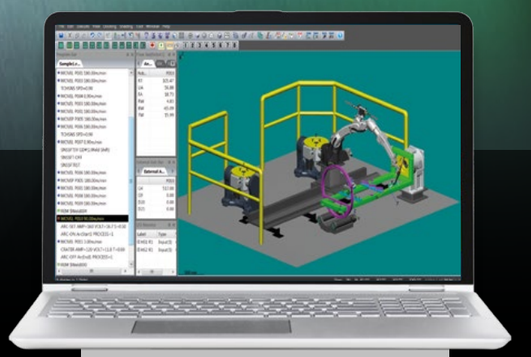
Panasonic
BUSINESS

SIMPLY WELDING.

PC SOFTWARE

FOR ROBOT AND WELDING SYSTEMS



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Panasonic Robot & Welding · Version 2017

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PC SOFTWARE
FOR ROBOT AND WELDING SYSTEMS

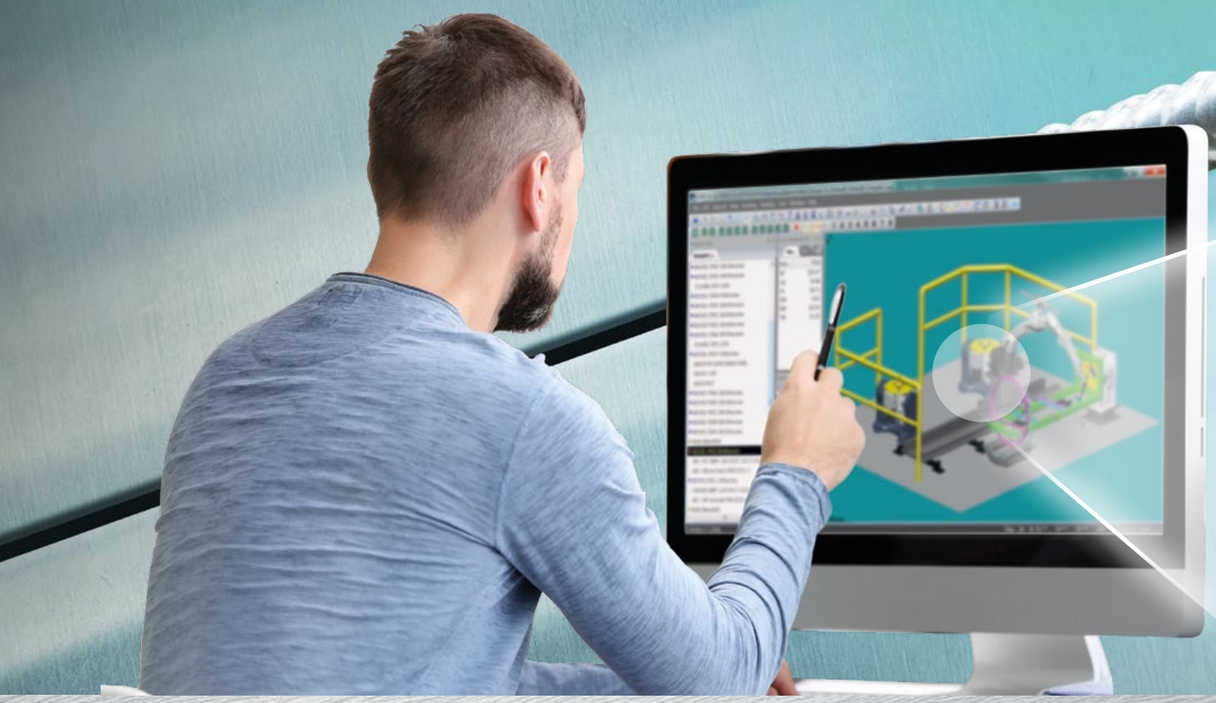
INCREASED PRODUCTIVITY THROUGH ON- & OFFLINE-ACCESS TO YOUR ROBOTS.

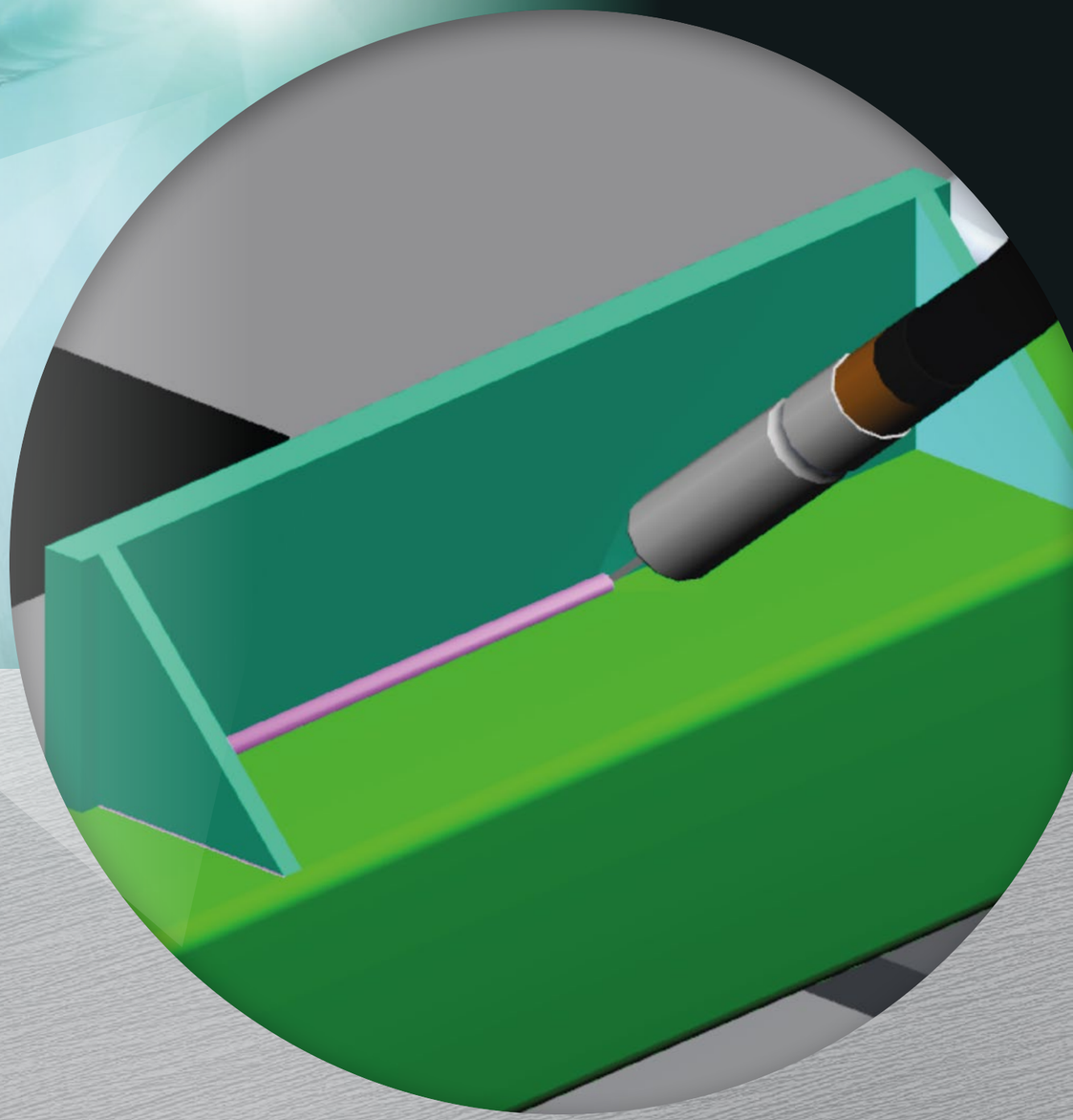
YOUR WELDING SYSTEM IN THE PRODUCTION!

YOUR WELDING SYSTEM IN THE SIMULATION!

DTPS
PART OF THE G2/G3 PC TOOL SOFTWARE

YOU REQUIRE OFFLINE PROGRAMMING OF YOUR ROBOTS?



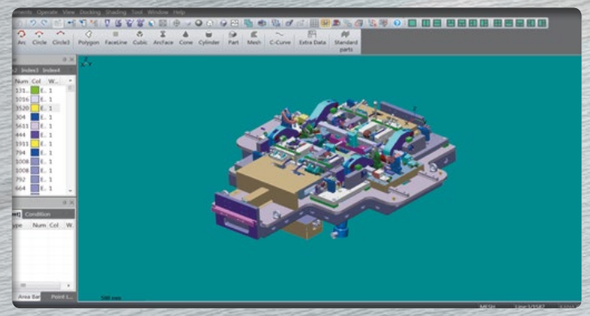


That´s easy! With the Panasonic DTPS SOFTWARE.

With DTPS, the Panasonic **D**esk-**T**op **P**rogramming & **S**imulation **S**ystem, Panasonic robot programs can be created and edited offline. This makes it possible to run the robot program on the PC in simulation and optimise the robot movement with the corresponding welding parameters offline.

YOU WOULD LIKE TO ORGANIZE YOUR PRODUCTION TO BE MORE PRODUCTIVE, SAFER AND EFFICIENT? USE DTPS.

DTPS
PART OF THE G2/G3 PC TOOL SOFTWARE

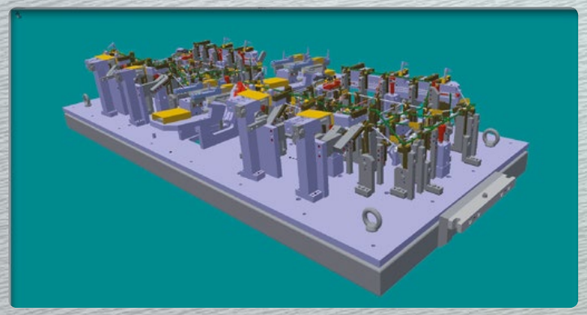


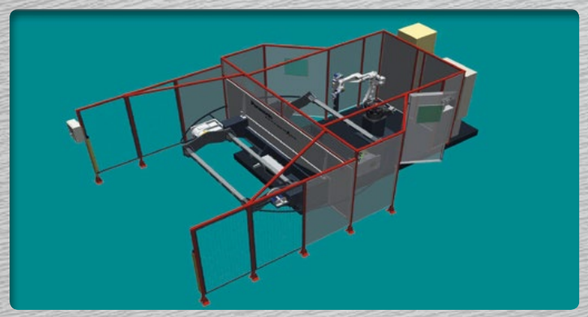
IMPORT

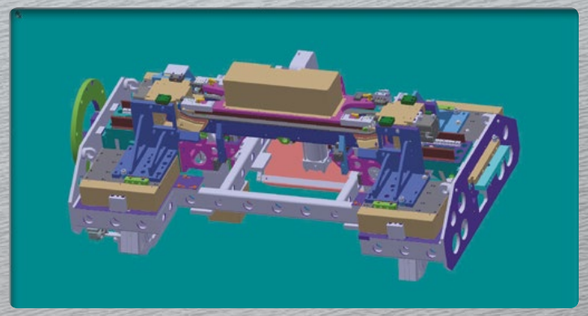
of external CAD data into the DTPS program is no problem!

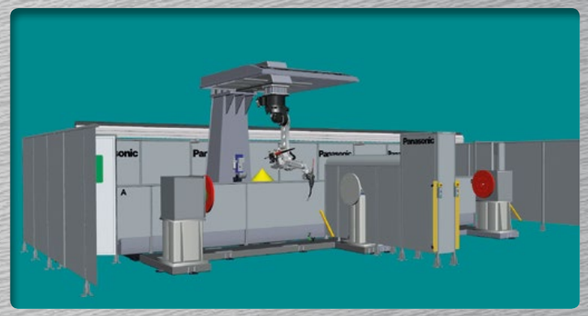
SYSTEM CONFIGURATION

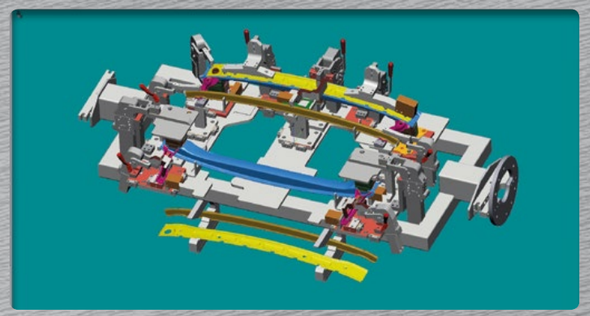
Layouts can be easily created from the work desk!





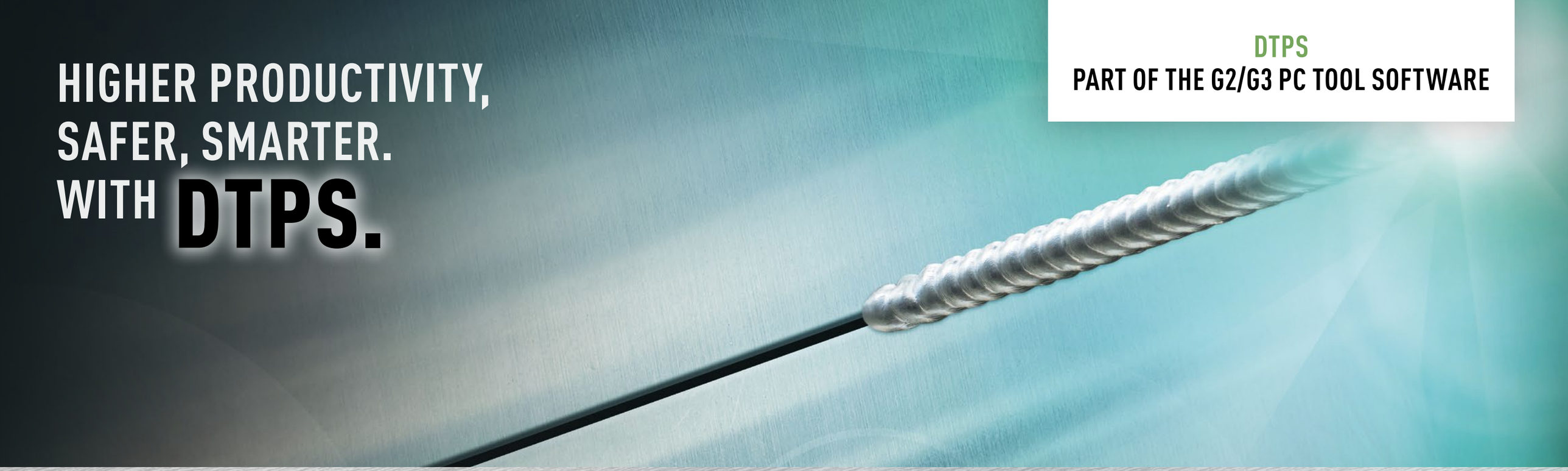






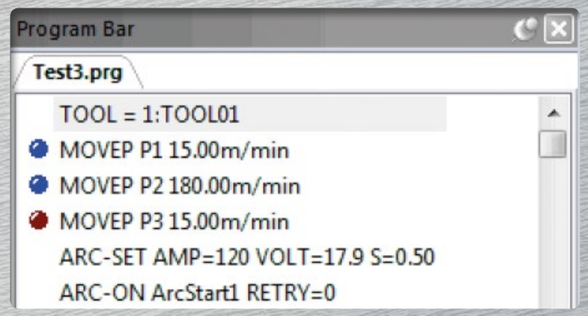
HIGHER PRODUCTIVITY, SAFER, SMARTER. WITH DTPS.

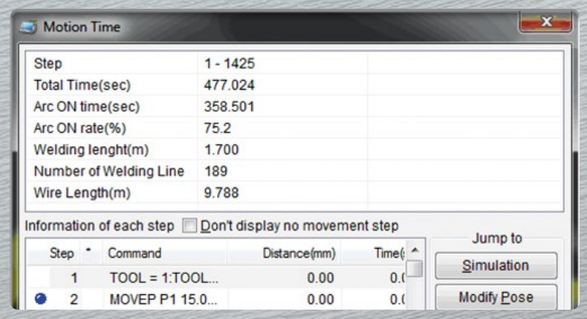
DTPS
PART OF THE G2/G3 PC TOOL SOFTWARE



PROGRAM PRESENTATION

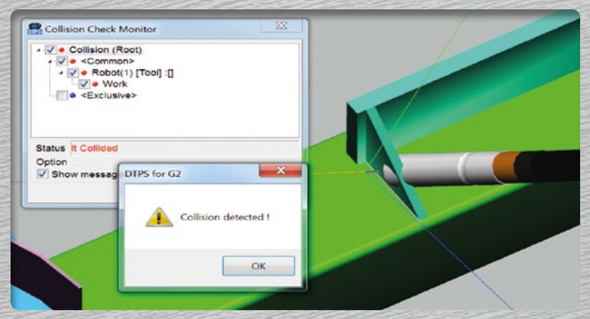
Offline programming as well as processing and optimization of existing programs? This software makes it possible!





WELDING AND CYCLE TIME CALCULATION

Through this investigation an initial piece cost calculation and utilization analysis is possible.

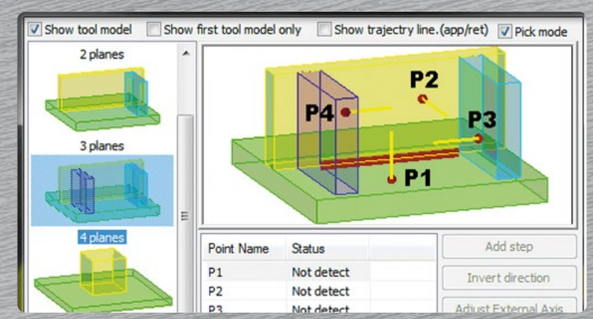


COLLISION MONITORING

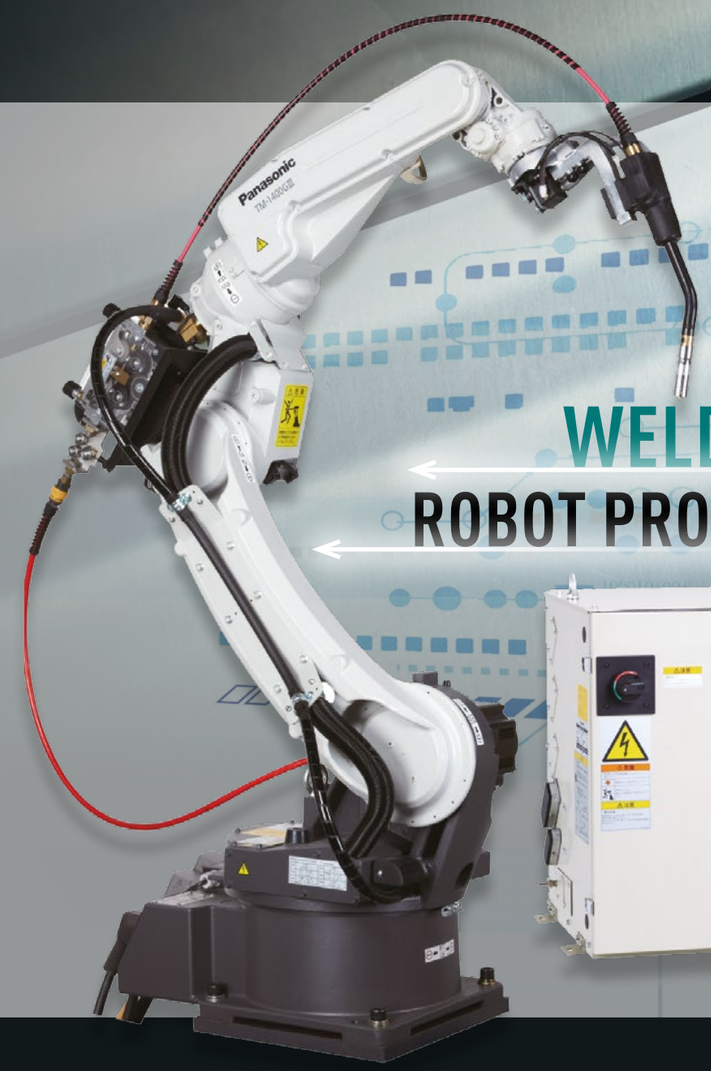
Jigs, tools and workpieces can be checked for accessibility and working area clearance.

TEACHING NAVI

Supports you in the creation of an optimised motion sequence.



TRANSFERRING PROGRAMS FROM THE PC TO THE CONTROLLER?



ITEM COUNTER

ERROR HISTORY

WELDING PARAMETERS

ROBOT PROGRAMS

AND MUCH MORE

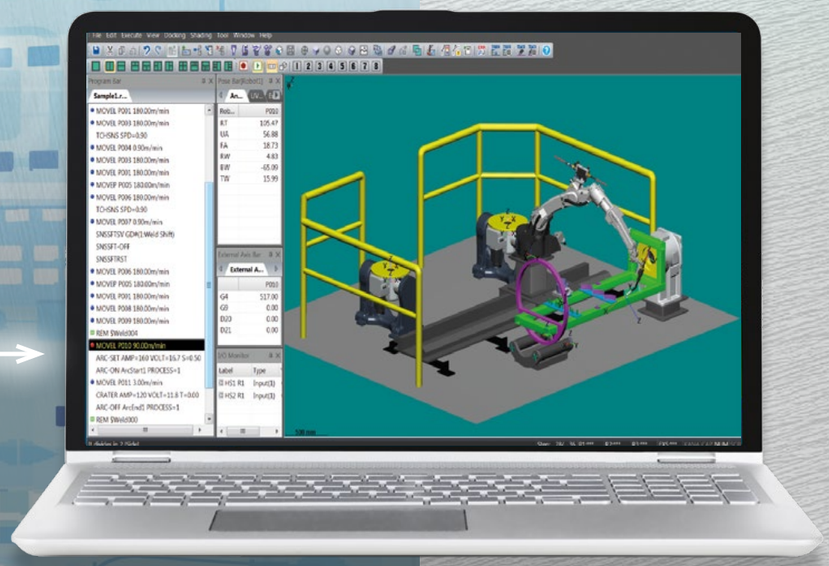
BACK-UP TRANSFER

PC EDITOR
WITH THE AUTO RECEIVING FUNCTION

Yes! With the Panasonic

PC EDITOR.

With the PC Editor you can edit robot programs directly on the PC. Checks, adjustments and corrections of movement as well as process parameters are possible with this module.

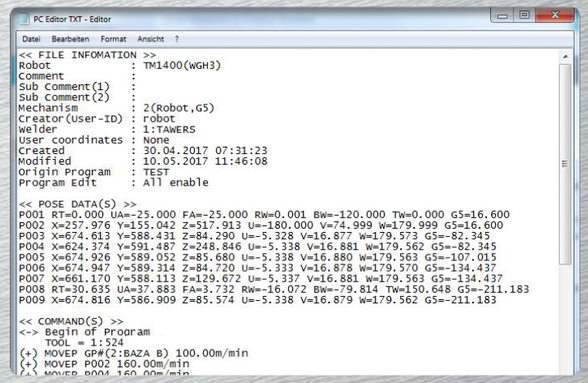


With the extra Auto Receiving Function you can automatically transfer back-ups from the robot controller to your computer per ethernet connection.

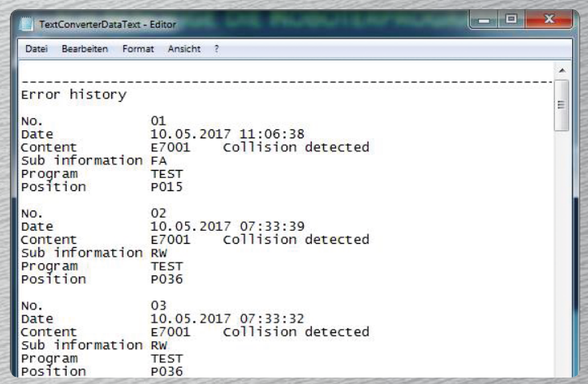
» PROCESSING PROGRAMS AS TEXT FILES? «

TEXT CONVERTER
PART OF THE G2/G3 PC TOOL SOFTWARE

PRINTING ROBOT PROGRAMS



ARCHIVING ERROR MESSAGES IN PAPER FORM



Yes! Quite simply with the Panasonic

TEXT CONVERTER.

With Text Converter, it is no longer a problem for you to create text files from robot programs and general system data. Such text files support you in archiving, documentation creation and analysis of programs in paper form.

Create the relevant data, e.g. the last error and alarm messages, in paper form to ease analysing optimum system utilisation.

Easy conversion back from text format to robot program format is also possible!

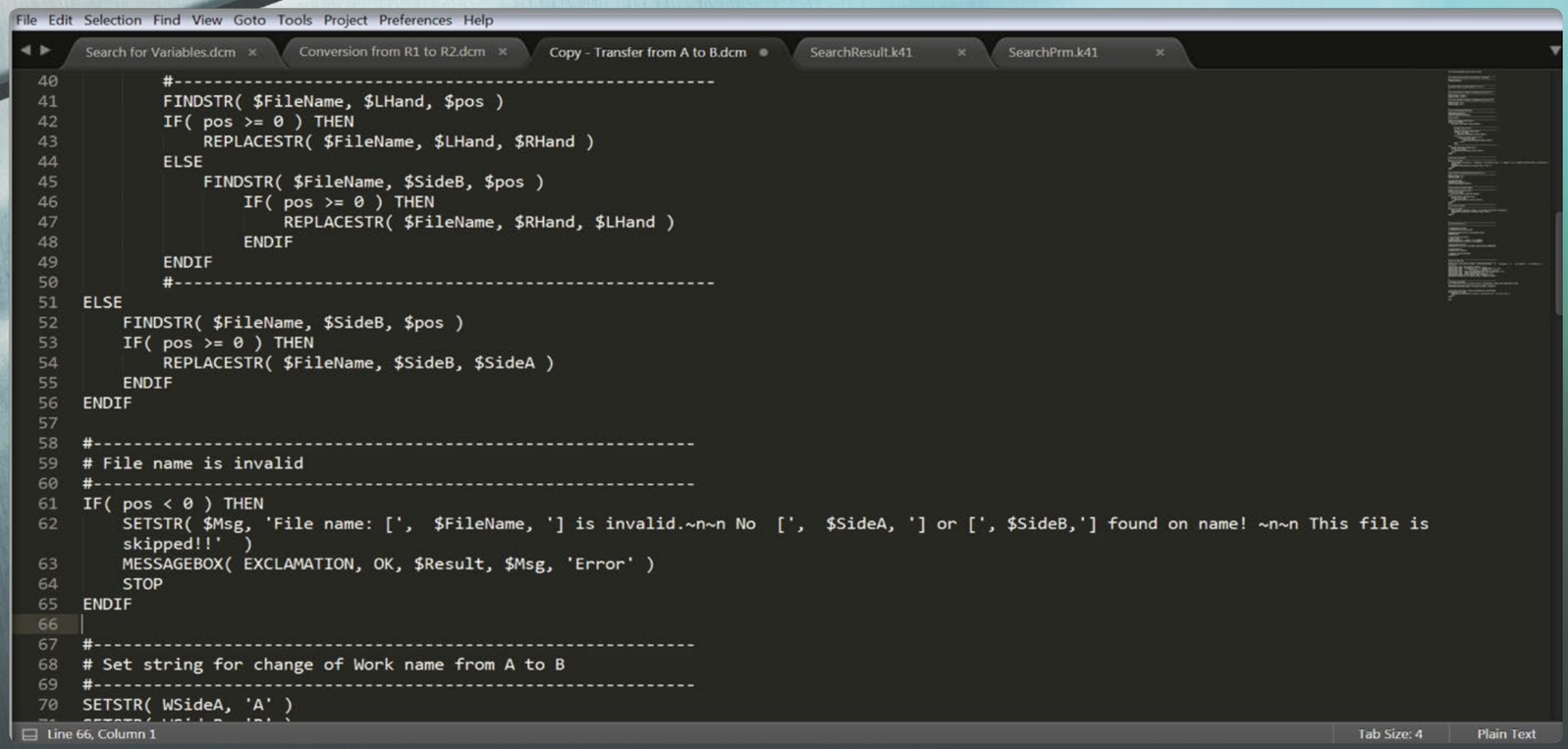
» ADJUSTING SOFTWARE ACCORDING TO MY INDIVIDUAL REQUIREMENTS? «

No problem!
With the Panasonic

MACROS.

You can use the macros to program additional functions that are outside the software's default settings.

Adapt the software according to your individual and specific requirements. We guarantee the highest degree of flexibility in the application of this software!



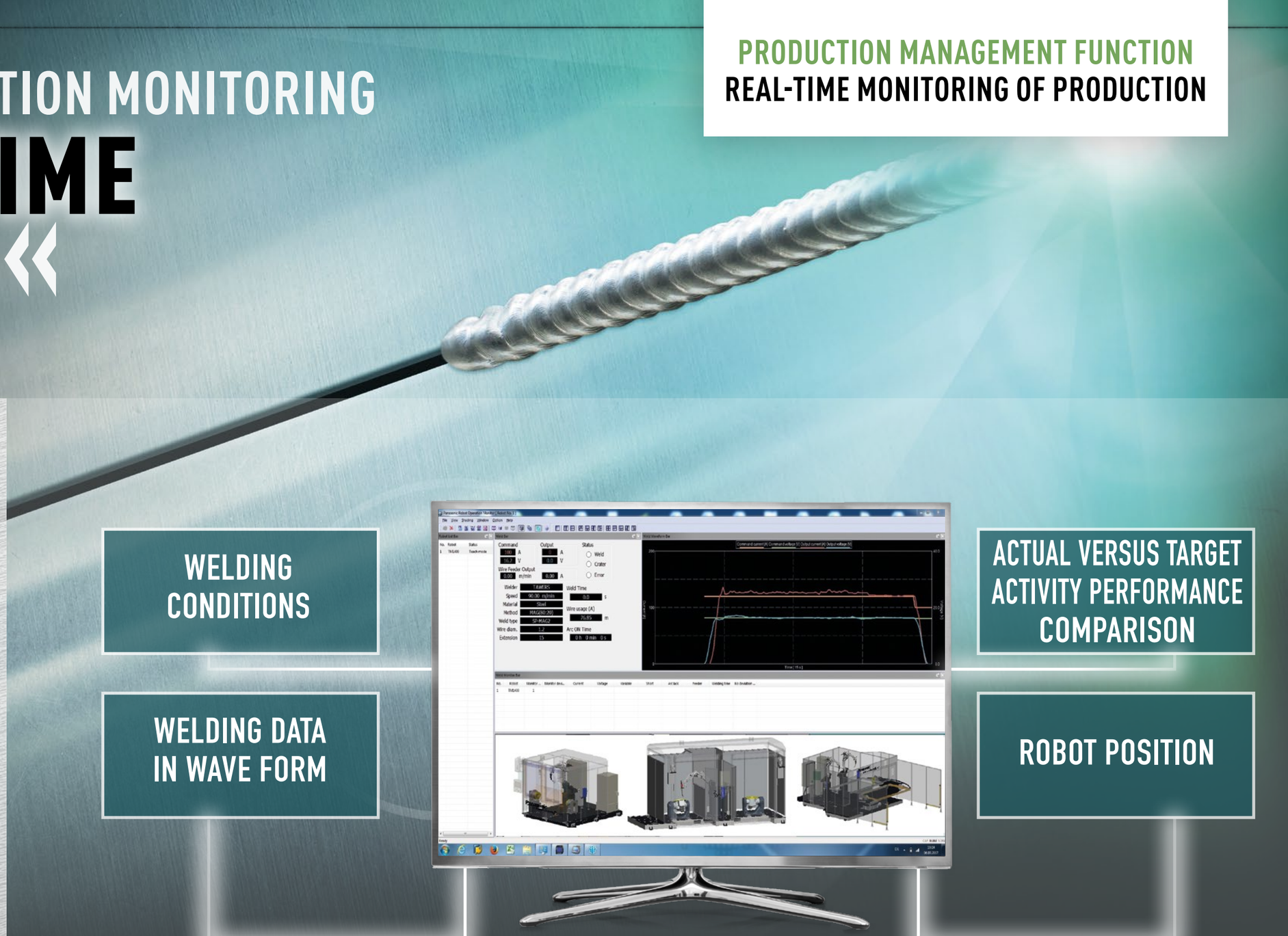
ONLINE PRODUCTION MONITORING IN REAL TIME WITH YOUR PC?

No problem.
With the Panasonic

PRODUCTION MANAGEMENT FUNCTION.

Do not leave anything to chance! Show the current welding parameters in wave form directly on your computer over remote access.

At the same time, you can display the utilisation status of your welding robots in production via Ethernet on your computer. The robot will be allocated and shown in various states of operation.

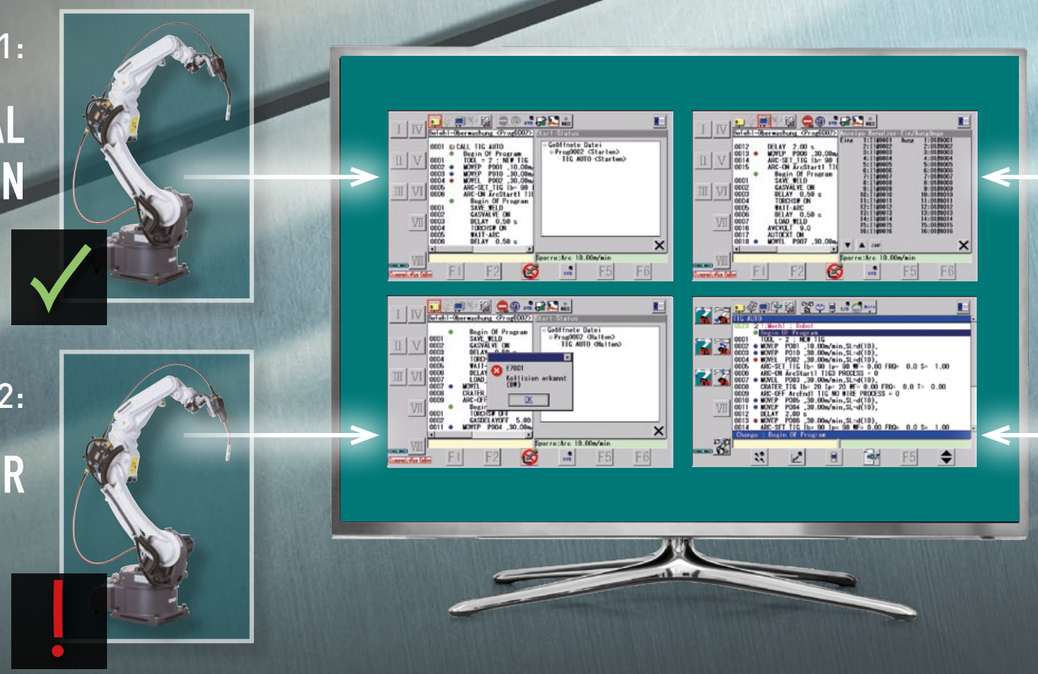


Additionally representable data:

- I / O status
- Running program
- Load utilization of the axes [Load Ratio]
- and much more ...

» SIMULTANEOUS

DISPLAY OF MULTIPLE ROBOTS ON THE PC? «



Absolutely, of course!
With the Panasonic

HAND PROGRAMMER REMOTE DISPLAY FUNCTION.

Show the current display of the handheld programmer on the PC?

No problem! With the hand-held programming device remote display function, a real time remote monitoring function on your PC of the hand programmable device is possible.This allows you to control the robot status in real time.

But you want to observe multiple hand-held programmers simultaneously? This is also possible!