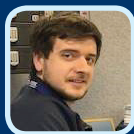


NTD 2021

**LAUNCH
EDITION**

Trusted. Reliable. Efficient



Another
new face...
Page 8



Dashboard
designer...
Page 14



Report
designer...
Page 16



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North Time & Data





Editor's comment...

Welcome to the first edition of the official magazine for North Time Pro!

With 2020 being a strange year for everyone, the team at NTD have adapted and worked tirelessly to service our customers and their needs at this time!

Recently we have welcomed a new faced to the NTD support team. Carlo joined the NTD support team to service our existing customers queries but also assist with the installation of North Time Pro for our new customers.

We have also recently congratulated Violet Best on 25 years service within the NTD team. I am sure you have spoke to Violet at some point on your customer journey with NTD as Violet is an integral part of the team and we take this moment to congratulate her on reaching this milestone.

This NTD insider will give you an overview of the latest North Time Pro 2021 software, along with the latest developments and customisations that can be added to enhance your experience of the software.

I hope that you find this edition of timelines useful and once again may I take this opportunity to thank you for your continued support. If you wish to discuss any of the items covered in this magazine, please contact the customer care team on +44(0)2892 604000.



Stephen Brown
Managing Director
NTD



Connect to me on [LinkedIn](#)



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Out and About



Our products and services...

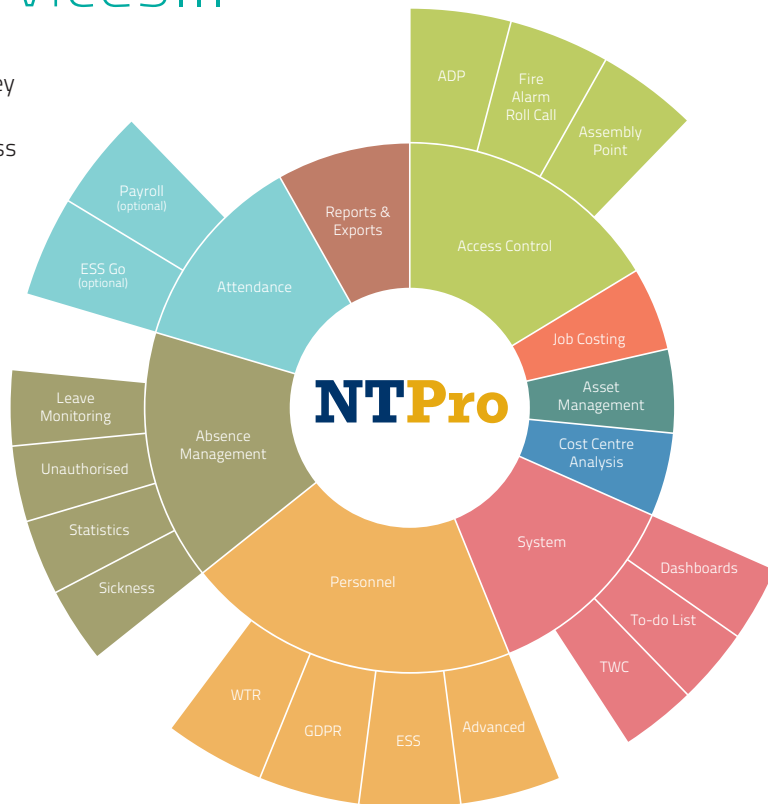
Our development expertise has been gained over the past three decades and throughout this time we maintain that one of our key skills has been our ability to develop 'the complete package'.

We are proud of our in-house development team and our business relationship with ZK Teco. Together we provide the complete workforce management solution.

Software

Our software encompasses:

- Personnel
- Absence management
- Employee attendance
- Access control
- Job costing
- Cost centre analysis
- Asset management
- Reports and Exports
- Employee self service
- ESS Go
- Payroll integration
- GDPR and WTR
- To-do lists and Dashboards



Hardware

We are a ZK Teco integration partner and have great expertise in installing touch-screen, fingerprint, face recognition and proximity based devices.

Training

We have developed a range of training courses which highlight the key features of the product, allowing each user to maximise North Time Pro 2021 to its full potential.

Training is divided into separate modules and course notes are kept updated on a yearly basis. We also provide official certification for all course attendees which confirms their knowledge of the modules covered.

Global assist support services

Our customer care service is second to none! Between 9.00am and 5.00pm we have a dedicated support team managed by an experienced service support manager.

Customers are encouraged to use the on-line fault logging facility which can be located on our website.

Special projects

We offer the unique facility to customers who need a customised solution which requires features not covered by the standard North Time Pro 2021 package.

North Time pro 2021 can offer complex overtime calculations, KPI reports and 3rd party integrations with payroll and HR systems.



Our customers...

There is no 'typical' North Time Pro customer as our end-users operate in all market sectors and consist of businesses employing between 10 and 7000 staff.

We have systems installed in the Public Sector, namely Hospitals, Local Authorities and schools. We provide attendance solutions for businesses in both the manufacturing and service industries and have installed our access control module into wide range of businesses from food processing plants to auto manufacturers.



Case Studies...

Bob and Berts

NTD (North Time & Data Ltd) have successfully installed 14 state of the art facial recognition attendance terminals for the Artisan Coffee chain Bob & Berts Ltd.

Delighted with the success of the implementation and roll out across all stores, Operations Manager, Rebekah Phelan added "It is so simple for staff to register attendance. They stand and face the terminal and in less than a second the terminal successfully registers the attendance. The simplicity was hard to believe until you see it in action. The system has allowed us to accurately manage employee attendance and control wages costs."

The system has now been developed to not only register employee attendance but is now also used to control access to secure areas. Employees that are permitted access to the secure area use their face to release the door and gain access. This method of access means staff that leave the business do not require cards or key fobs to be deactivated or lost items having to be replaced.

Rebekah added "we will be looking at some future development of the North Time Pro system into other areas of our business such as payroll integration and automatic email of management reports in the near future."

Mercury Engineering

Following successful meetings, Mercury made a strategic decision to instruct North Time & Data (NTD) to take over the running of our Time Management Solution at a large technology project site in Co. Kildare, Ireland.

Following this, there was a list of requirements and information that Mercury required be retrieved from the time system. NTD was able to produce all the information required and write bespoke scripts to provide this information in automated CSV formats. At Mercury, we use SAP for all backend payroll processing. We had a requirement for a bespoke payroll export that required daily totals of hours to be extracted for each employee and then imported directly to our SAP system. This has saved a significant amount of time previously spent manually entering hours.

Given the success of the initial site in Ireland, the relationship between Mercury and North Time & Data has developed significantly with North Time Pro's workforce management solutions and biometric clocking terminals now being utilised on numerous large projects across Ireland and continental Europe. These sites include Ireland, Denmark, Poland, Spain & Germany. All information is sent back to a single, central server for data processing.

Mercury thoroughly recommends North Time & Data as a company and the North Time Pro Workforce management software coupled with the varied range of biometric clocking terminals makes the overall solution an extremely flexible and robust business solution.

NTD's latest recruit, Carlo...

Carlo Angelone joined the NTD team in Q4 of 2020 and instantly began an intense training course with our technical lead Darron and technical sales manager Michael to get to grips with the North Time Pro Software.

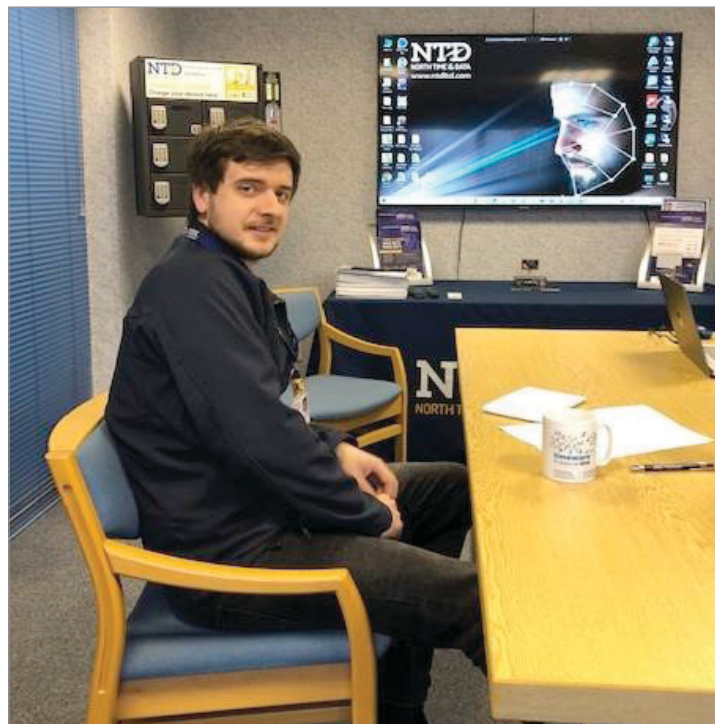
Carlo's primary role at NTD will be to process technical support questions from North Time Pro users but will also assist our installation team in installing North Time Pro with our new customers!

On joining NTD, Carlo said "I am delighted to join NTD after knowing about them for some years. I look forward to getting to know our customers and assisting with any queries they may have"

Stephen Brown, Managing Director and NTD said "Carlo has joined NTD and hit the ground running in terms of getting to know our North Time Pro software. We look forward to watching Carlo grow and wish him every success at NTD"

We look forward to watching Carlo grow within NTD.

Pictured right is Carlo during training.



Violet Best 25 Years...

At the end of 2020 we were delighted to congratulate Violet Best on 25 years service at NTD. Violet started NTD in 1995 as a receptionist and is an integral part of the smooth day to day running of NTD. Violet looks after all things administrative including accounts.

NTD would like to personally thank Violet for the many years of service and dedication to making our Mission, Vision and Values come true every day.

On such a milestone, Violet best said "I am delighted to reach this prestigious milestone and I have been able to watch NTD grow over the years".

Pictured right is Violet Best and MD Stephen Brown



What's new in North Time Pro 2021?...

North Time Pro 2021 is here and feedback from our Users is that the new applications look very professional !

The Project Toronto concepts and technologies included in North Time Pro 2021 have lay the foundations for some major application changes.

The cutting-edge design by Technical manager Darron Pressley, will help to ensure that North Time Pro stays at the top of it's game for the next 20 years.

New features

The Dashboard designer provides a very quick method of creating stunning North Time Pro KPIs.

The Dashboard and Report viewer provides a new way to get even more users interacting with North Time Pro data without the need for a full install on their PCs.

Also, ZK Teco released their new NT Speedface earlier this year and we've integrated this new technology into North Time Pro 2021.

We have incorporated mask detection and temperature monitoring including a new health and safety script pack for companies wanting to introduce temperature checking via their employee attendance system.



1

Dashboard designer



2

Report designer



3

Dashboard and Report viewer



4

ZK Speedface integration



5

Mask detection and monitoring



6

Temperature recording and monitoring incorporating a health and safety script pack



Indoors and outdoors...

The choice of attendance and access devices is now greater than ever.

Identifying the correct combination of devices for your company's requirements has now been made easier thanks to the latest range of ZK Teco devices.

Attendance

We strongly recommend that an attendance device incorporates a display to show the time and date but most importantly, the name of the person making the booking. There are two devices available, both offering different benefits:

The NT Speedface is our recommended attendance device. Its robust design means that it is suitable for most environments, smart enough for an office, yet tough enough for a factory floor.

The new NT Speedface supports mask detection plus an optional thermal camera for measuring the skin temperature of a person's face. The NT Speedface resembles a large smartphone and is the latest product to be released by ZK Teco. Both the fingerprint and face recognition devices support a number of proximity card formats as standard.

Access control

With the introduction of the NT Proface, we are now able to recommend both fingerprint and face recognition as viable alternatives. The NT Proface is tough and waterproof – the perfect access device for public area and factory floors.

Please note

Fingerprint templates are compatible with all fingerprint devices.

A person can use any combination of fingerprint, face recognition and proximity devices on a North Time Pro 2021 system if required.

Face recognition should only be used indoors.



Tokyo Terminal

Attendance / Job Costing / Cost Centre Analysis / ESS

Suitable for Various locations

Supports various proximity card formats.

NT SpeedFace V5L[TD]

Facial Recognition Terminal with Fever Detection

Fever detection & Palm recognition

Identification of people with masks

Enhanced visible light facial recognition

Multiple verification with Fingerprint and Facial Recognition

Dual-camera for real-time face detection

Recognition distance: 0.3 - 3 m



NT Proface X[TD]

Facial Recognition Terminal with Fever Detection

Fever detection & Palm recognition

Identification of people with masks

Enhanced visible light facial recognition

Multiple verification with Fingerprint and Facial Recognition

Dual-camera for real-time face detection

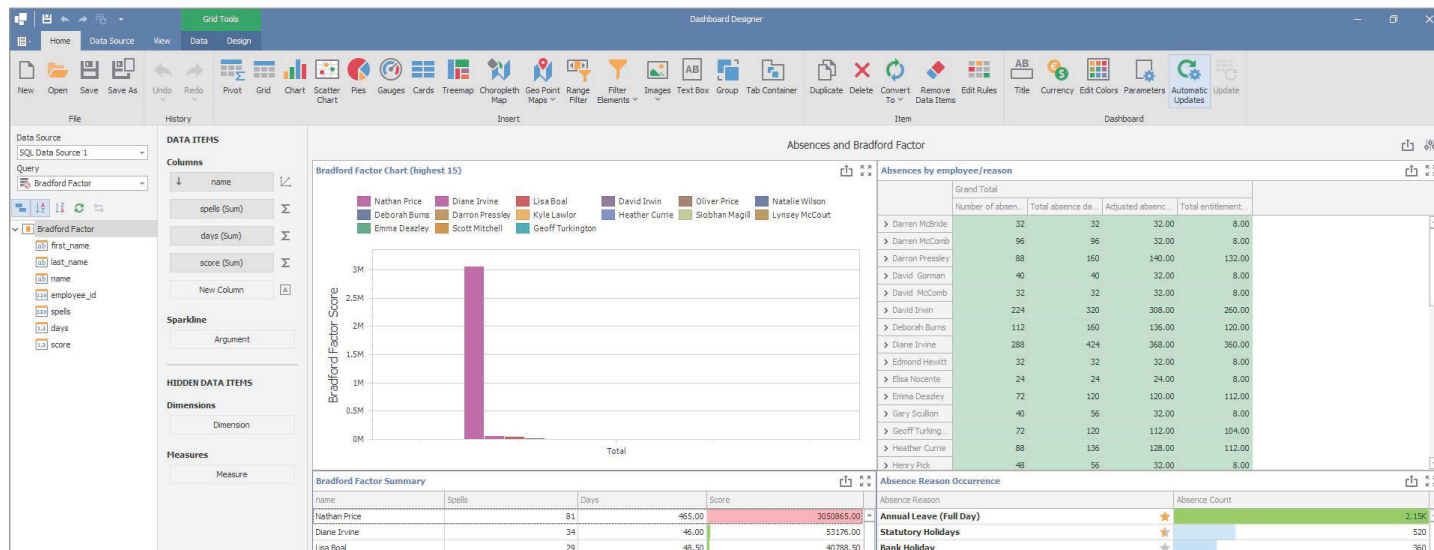
Recognition distance: 0.3 - 3 m



Dashboard designer...

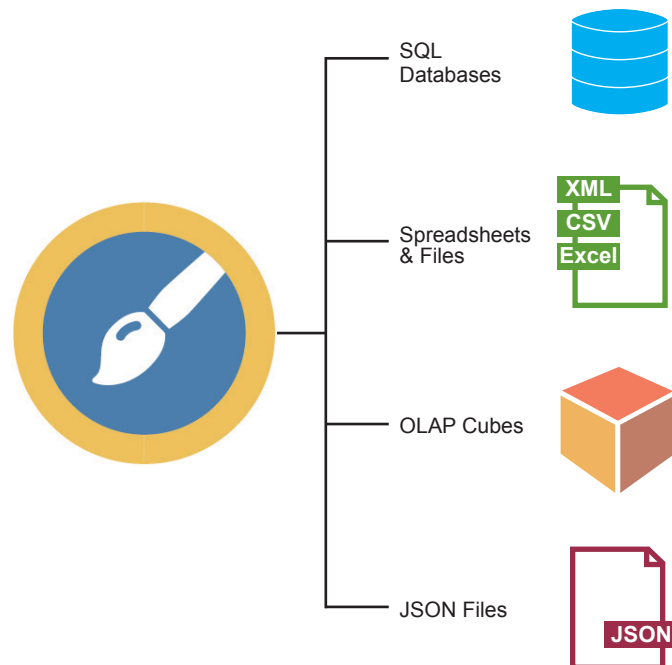


At last, you can now create your own dashboards! Included in North Time Pro 2021 is a brand-new application called Dashboard Designer which gives you access to an amazing array of tools enabling you to display data in graphs, charts and gauge formats. The dashboards you design can be saved and accessed through another new application, the Dashboard and Report Viewer. Remember that the Viewer can run on PCs that do not have the full North Time Pro 2021 application installed.



Dashboards may contain information from a number of sources, not just the North Time Pro 2021 SQL database. The designer allows the consolidation of multiple data sources including JSON, OLAP, CSV, .XLSX and Federated database systems into a single dashboard. Obtaining information from multiple resources provides the developer with the tools to produce detailed dashboards containing the most important information. The North Time Pro 2021 dashboard designer is based around the DevExpress Extra Dashboard technologies. This application is designed to be used by people with basic coding experience.

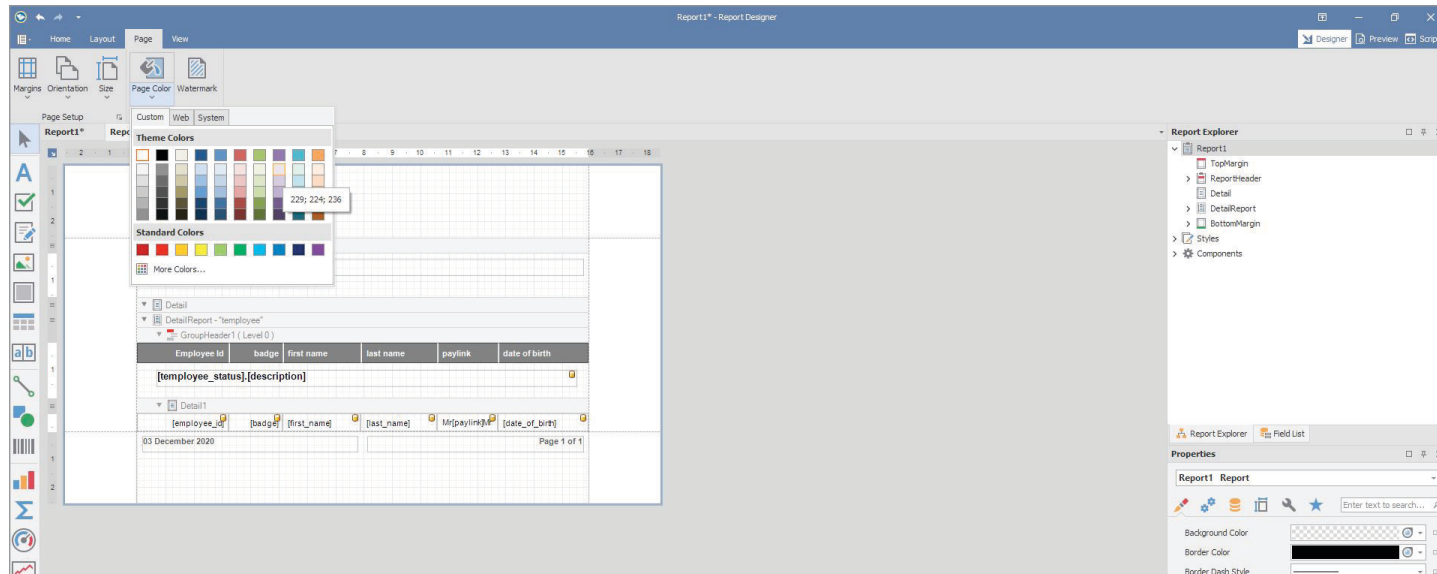
We will be releasing free dashboards at regular intervals over the next twelve months.



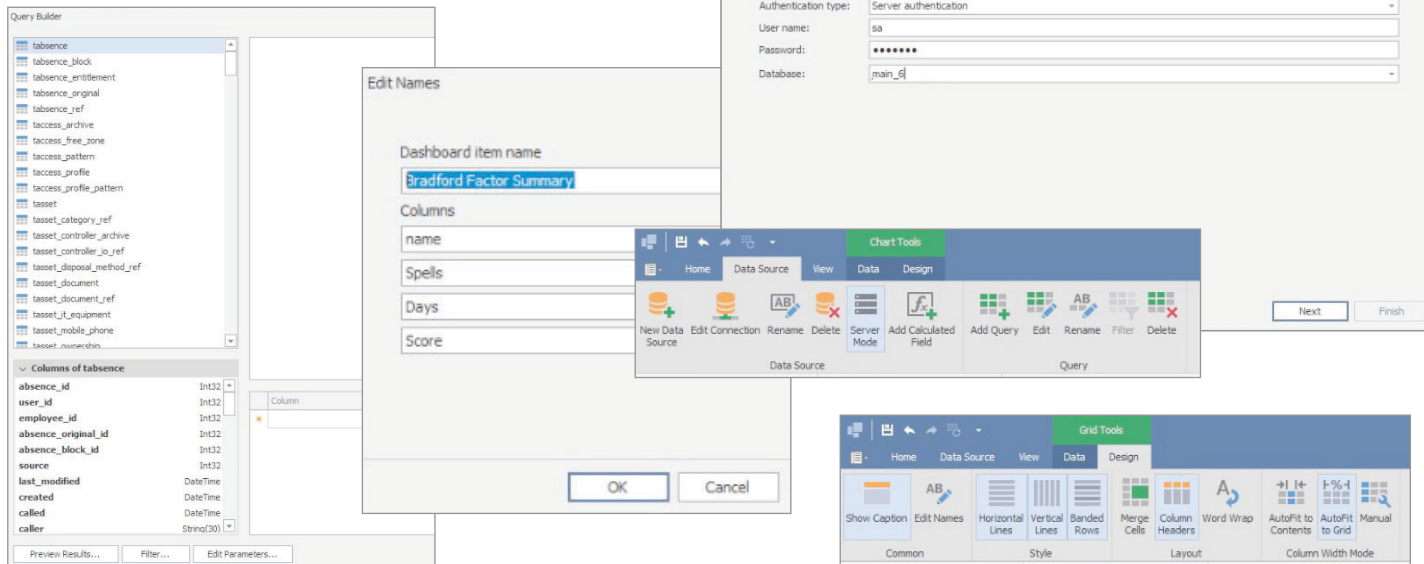


Report designer...

Do you wish you could design stunning reports that include a great export feature? Don't worry because North Time Pro 2021 sees the introduction of a brand new application called Report Designer based on DevExpress XtraReport technology. Now the ability to develop detailed reports is at your fingertips. Just like the Dashboard Designer, these new reports can be run by you or your customer through another new application, the Dashboard and Report Viewer. Don't forget that the Viewer can run on PCs that do not have the full North Time Pro 2021 application installed!



Just like the new Dashboards, these reports can include data from a number of sources, not just the North Time Pro 2021 SQL database. The Report Designer allows the consolidation of multiple data sources including JSON, OLAP, CSV, .XLSX and Federated database systems into a single report.



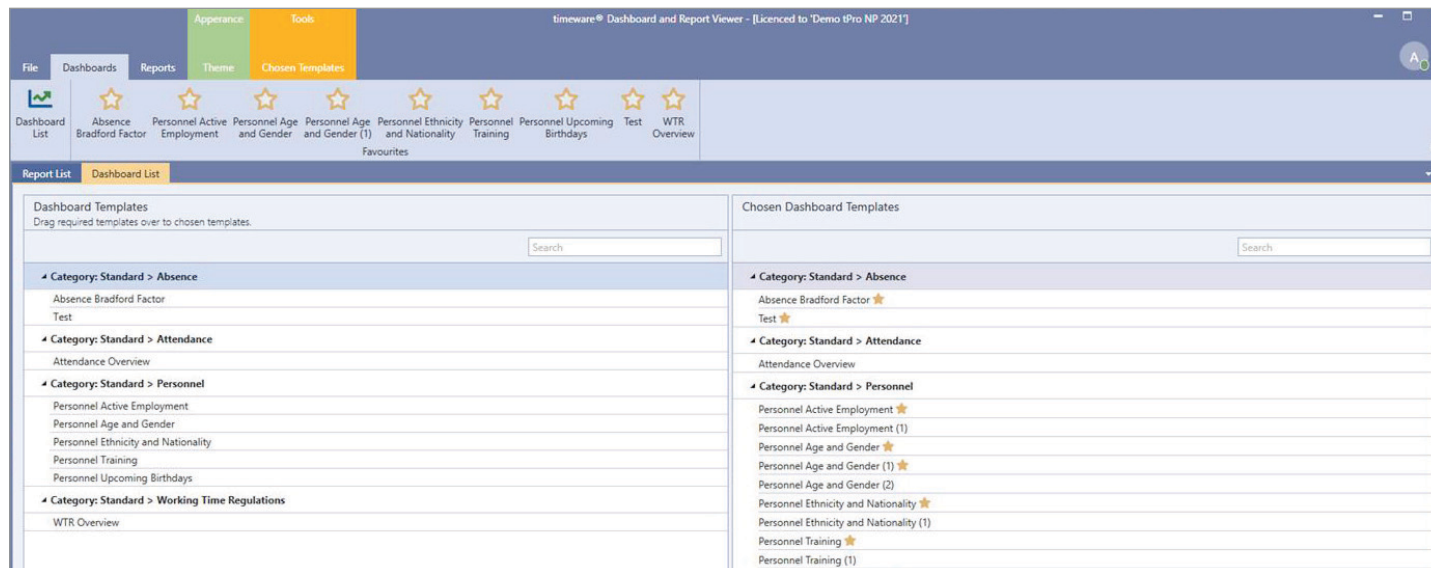


Dashboard and Report viewer...

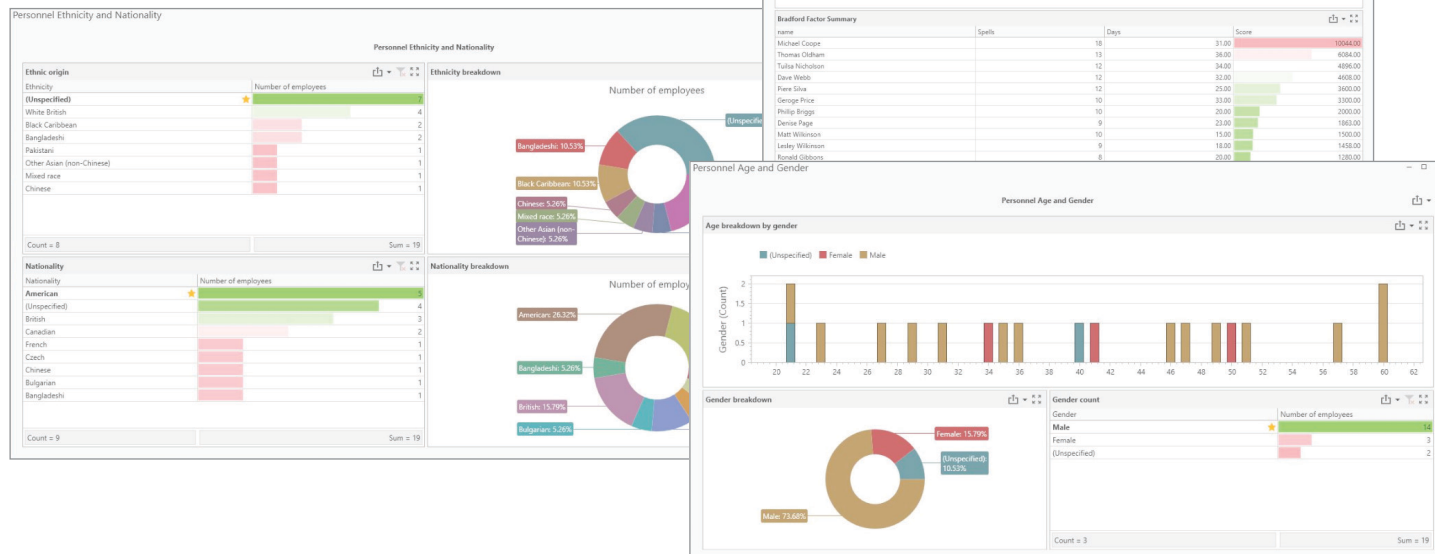
One of the most important features of the Dashboards and Report Viewer is its ability to run on PCs that do not have North Time Pro 2021 installed.

This in turn helps to increase the number of people utilising North Time Pro 2021 at your company.

The development team will be releasing the initial batch of 12 dashboards and related reports for North Time Pro 2021. These will cover personnel, absence management, attendance, access control and IT.



Dashboards provide at-a-glance views of key performance indicators relevant to a particular objective or business process whereas reports are designed to provide a more detailed breakdown of that key data.



We ask Darron Pressley, Technical lead, some questions regarding customisation

How customisation can enhance effectiveness and efficiency

Darron, how important is product customisation?

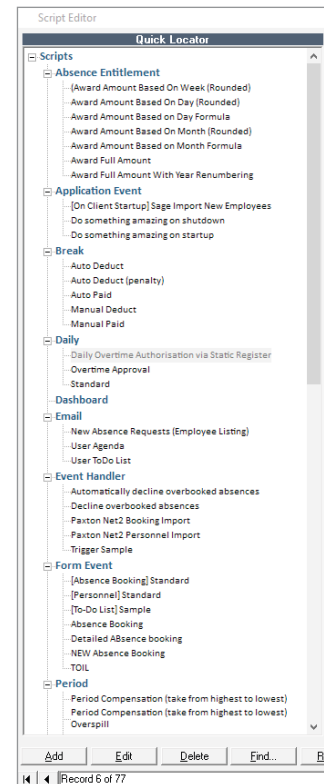
I think it's safe to say that at least 95% of NTD users have some form of customisation. The fact that we can provide a unique solution for each customer is a key part of our success. During the 25 years that I have worked at NTD, I have seen a steady increase in the amount of custom development that we do for our clients in order to make the software more effective and efficient for them.

Please explain more...

You must remember that NTD demonstrations are carried out by our business development team. In our experience, the initial demonstration is not the best place to gather detailed information about the required customisation so we always arrange a follow-up meeting either face-to-face or by phone depending on our perceived complexity of the bespoke work required. Again, in our experience customers appreciate this level of commitment to detail as additional visits help us to gather your requirements and develop North Time Pro so it is more efficient and effective for you.

What are the charges for customisation?

To be discussed & agreed with the customer.



Script editor

"Can we stop entering data twice?"

"When someone new joins the company, we have to first set them up in the payroll system, and then in NTD Personnel. Is there any way that they could be created in one of the applications and automatically transferred to the other?"

To solve this problem, we developed an NTD Personnel 'integration' script that worked in the following way:

- It was agreed that new people are always initially 'added' into the company payroll system. Next, an NTD Personnel integration script was developed that checked the payroll, every five minutes, for 'new personnel records'.
- When a new person is detected, their basic details such as name, payroll number, address and works number were automatically copied from payroll into NTD Personnel. These 'new' people were given a basic terminal policy setting, and allocated to a basic period schedule.
- This now means that within minutes of being added to the payroll application, new starters are now able to 'book-in' at any location!

The screenshot shows the 'Essential Information' form in the NTD Personnel system. The form is for a new employee named Lauren Brazer. It includes fields for Employee ID, First name, Last name, Badge, Payroll, Integration ID, GPS IMEI, Known as, Email address, Security pin, Biometric data, Date started with company, Badge activation, Current employment, Employment status, Absence entitlement, Period schedule, Terminal policy, Email policy, Remuneration policy, Cost centre, and Flexible closing balance set on. The form is partially filled out, with some fields like 'Known as' and 'Email address' containing the name 'Lauren Brazer'.

Essential Information

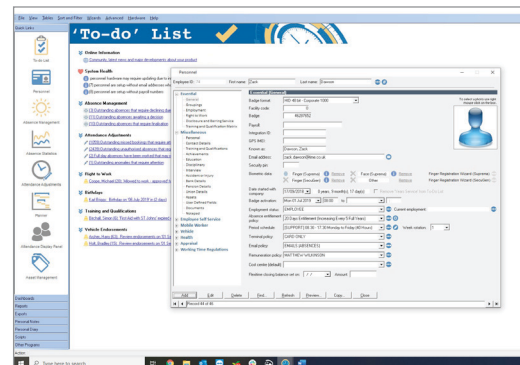
Company A, Northern Ireland	
Approximate number of staff:	350+
Number of software clients:	8
Number of terminals:	4
Number of locations:	1

"It's 2020! Surely we can email Personnel notifications to Managers?"

"When a significant event occurs, can NTD automatically email a Team-Leader or Manager to update them in real-time?"

To solve this customer's requirements, we developed three NTD Event Handler email scripts:

- Email the employee's line Manager 30 days before an employee's trial work period is due to expire.
- Email a Team-Leader and Employee 45, 30 and 15 days before the Employee's Fork-Lift truck licence is due to expire.
- Email the company Health and Safety Officer to organise a COSHH course when selected employees are approaching one month before the recommended three year renewal date.



Company B, Republic of Ireland

Approximate number of staff:	150+
Number of software clients:	3
Number of terminals:	1
Number of locations:	1

"We have an increasing number of staff who have a tendency to take 'sick-leave' on days that had previously been declined for holiday requests!"

"Is there any way that NTD can alert the HR staff to this type of occurrence? It would also be useful if the system could display a 'summary of absence by days of the week' as the HR staff are logging absenteeism records..."

The customer required an effective method of highlighting potential 'dubious' sick-days before they were added into NTD by the HR staff.

- An absence management booking script was developed that only triggered when an absence from the 'sickness category' was selected in the absence management form.
- The script checked to see if the employee had previously requested any type of leave and then checked if it had been declined. If these two criteria were met, the script then displayed a simple analysis of sickness days taken this holiday year and of course a prominent warning for the operator! The sickness could still be registered, but now the management have the relevant information required to discuss the issue with the employee.

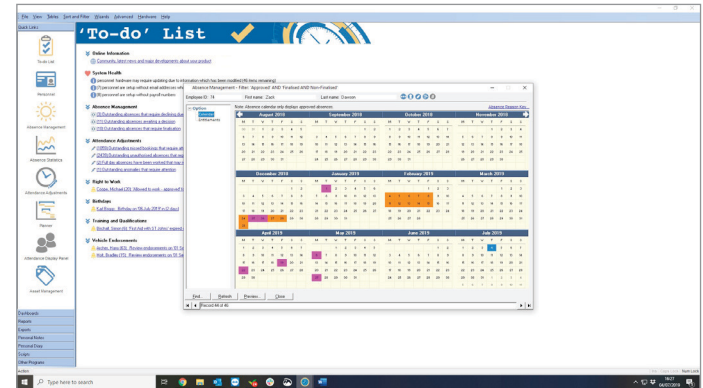
Company C, England	
Approximate number of staff:	7000
Number of software clients:	35
Number of terminals:	21
Number of locations:	2

"Is there an easy way to highlight people missing from work?"

"The team leaders have asked if NTD can highlight a list of people that should be in work but that haven't yet arrived."

This is a standard featured requiring no customisation!

- Not only can the system list employees that are missing, it can also identify anyone that has arrived late for the shift! This information is clearly displayed in the user's To-Do list and is available until the end of the current shift in real time.
- This feature could be customised to automatically email an employee stating that their absence has been noted and asking them to report to their team leader.



Company D, Scotland

Approximate number of staff:	800
Number of software clients:	10
Number of terminals:	18
Number of locations:	1

"Can a manager receive an email when an employee returns to work after a period of illness?"

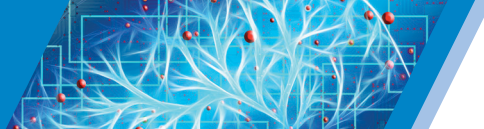
"We have a large workforce managed by eight team leaders operating out of an enormous warehouse. We currently have a paper-based system that requires a form to be completed when an employee returns to work following three or more days of sickness. On many occasions, employees fail to complete the form and team leaders are not aware that their team members have returned to work. Is it possible for NTD to email the employee's team leader when they return to work?"

This request was completed using a customised event handler script that incorporated the following features:

- Within 20 seconds of the employee booking in following the designated period of absence, NTD automatically sends an email to the relevant team leader.
- The email contains an editable .PDF document that replaces the older paper system. The document is automatically partially completed with the employee's name and the absence dates and requires the team leader and employee to complete the rest. In this example, the .PDF document was identical to the older paper system and once completed, can be stored in the employee's personnel documents.



Company E, Middle East	
Approximate number of staff:	800
Number of software clients:	10
Number of terminals:	18
Number of locations:	1



"Can we allow certain employees to carry over holidays into the following year?"

"Our holiday year runs January to December. Due to the lengthy duration of our projects, we would like to allow certain employees to carry up to 4 days holiday entitlement over to the next holiday year on condition that the 'carry-over' days are taken within the first two months. Is this possible?"

This request was completed using several customised absence management scripts that incorporated the following features:

- Employees included in this category were identified by a new grouping.
- The first customised script emails holiday entitlement balances to the grouped employees at the 2, 5, 8 and 11 month points. At the 12 month point, (and if there are days to carry over), an email is sent explaining that up to a maximum of 4 days have been carried over and that they must be taken by the end of February.
- The second customised script converts up to 4 standard holiday days to carry-over holiday days at the end of the year.
- Carry-over holidays can only be booked up to the end of February.

The screenshot shows the 'Absence Management' interface for Employee ID: 26, Matthew Wilkinson. It displays a table of holiday entitlements for various periods. Below the table, there are input fields for 'Period allowance', 'Absence', 'Carry over', 'Credit', 'Total entitlement', 'Absence used (retained)', 'Absence taken', 'Absence planned', and 'Remaining entitlement'.

Calendar	Entitlement	Period	Days	Year	Value
Tue 01 August 2017	Tue 31 July 2018				5
Mon 01 August 2016	Mon 31 July 2017				4
Sat 01 August 2015	Sun 31 July 2016				3
Fri 01 August 2014	Fri 31 July 2015				2
Thu 01 August 2013	Thu 31 July 2014				1
Wed 01 August 2012	Wed 31 July 2013				0
Tue 01 February 2012	Tue 31 Jan 2012				0

Category: Holiday

Period allowance: Day: 20
 Absence: 20
 Carry over: 0
 Credit: 0
 Total entitlement: 20
 Absence used (retained): 0
 Absence taken: 10
 Absence planned: 0
 Remaining entitlement: 10

Company F, Northern Ireland

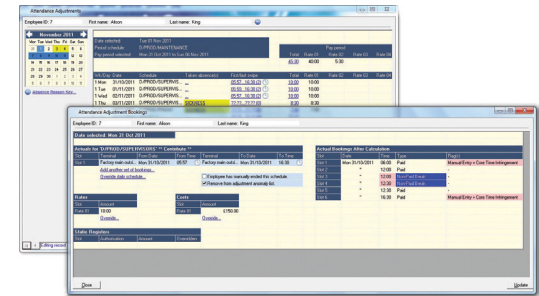
Approximate number of staff:	1500
Number of software clients:	10
Number of terminals:	29
Number of locations:	2

"We have a complex overtime rule. Can this be calculated automatically?"

"Employees are awarded an attendance bonus which is further enhanced based on the number of weekend evening schedules worked. Can NTD help to reduce the manual process by automatically calculating the figures for verification before submitting the results to payroll?"

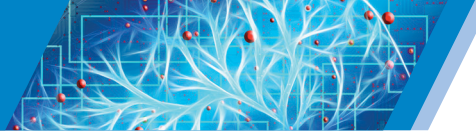
Requests from customers to develop attendance scripts to accommodate unique overtime rules are by far the most common type of script requests that the team receives.

- First of all, we ask that the customer documents, as precisely as possible, their exact requirements. Try to cover every eventuality: does the script apply to a everyone or to a specific department or group? What are the conditions that cause the bespoke rules to come into effect and are there any exceptions? Think about what should happen when an employee is sick, or on holiday - how should the new rules cope with this scenario?
- Once all possibilities have been considered, send a copy of the documented rules to customer care and a member of the development team will contact you to discuss any obvious problems with your requirements.
- Once the plan has been agreed, NTD will quote for the work and discuss completion dates.



Adjustments

Company G, Republic of Ireland	
Approximate number of staff:	200
Number of software clients:	5
Number of terminals:	3
Number of locations:	1



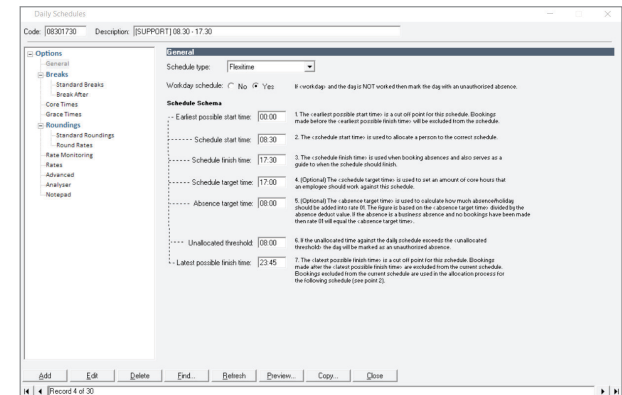
"Some employees in various departments have floating breaks, but only when the employee works a rest day!"

"Several older members of staff have special working agreements that were arranged with the previous owners of the business. Just how flexible is NTD in this type of scenario?"

NTD customised scripts can be used to solve pretty much any type of working pattern issue, no matter how bizarre!

We addressed this special requirement in the following way:

- Employees included in this special agreement were identified by a new grouping.
- We created a customised 'floating break' script and applied it to all of the daily work patterns that this special group could work. The rules governing how this floating break script works are only applied when NTD recognises that the employee has worked a rest day.



Company H, England

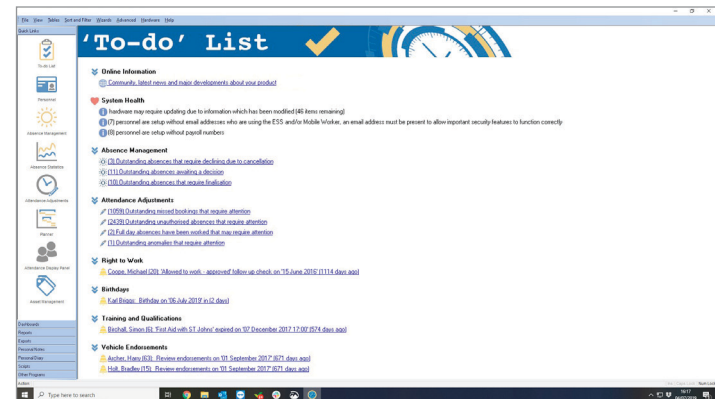
Approximate number of staff:	75
Number of software clients:	5
Number of terminals:	1
Number of locations:	1

"Can the system highlight employees that have worked excessive hours?"

"We are a small but extremely busy packaging company. We are concerned that some employees may be working unhealthy levels of overtime. Is there a quick and easy way to highlight repeat offenders?"

To-do list scripts provide a simple way of displaying important information without having to navigate to special parts of the software. This request was solved with one script identifying three conditions:

- Highlight on the To-Do list if an employee has worked more than 'X' amounts of hours in the current period.
- Highlight on the To-Do list if an employee has worked more than 'X' consecutive shifts.
- Highlight on the To-Do list if an employee has worked more than 'X' amounts of hours in the current period.



Company I, Scotland	
Approximate number of staff:	45
Number of software clients:	3
Number of terminals:	1
Number of locations:	1

"Can NTD process monetary shift bonuses?"

"We have a number of bonus award schemes that apply to certain unsociable hours shifts. These bonuses are a fixed monetary value and are awarded when an employee works at least 60 minutes of the shift. At the moment the bonuses are calculated manually which is very time consuming. Can NTD do this automatically?"

We solved this problem with customised daily and period schedule scripts and a modified report.

- The customised scripts were applied to the specific unsociable hours daily and period schedules.
- The daily script incremented a static register by the bonus monetary value, in this case £12.50, once the employee had worked at least sixty minutes. By the end of the period, this register held the bonus for the week, which was £62.50 for five days.
- The Weekly Hours worked report was also modified to display the unsociable hours shift bonus alongside the total hours worked.

Attendance Adjustments

Employee ID: 74 First name: Zack Last name: Dawson

Date selected: Mon 05 Nov 2019
Period schedule: (SUPPORT) 08:30 - 17:30 Monday to Friday (40 Hours)
Pay period selected: Thu 01 Nov 2018 to Fri 30 Nov 2018

Authorisation	Total	Ops Bal	Accounts	Target	Clos Bal	Overall	Basic	OT
	27.45	0.00	97.45	104.00	-6.15	0.00	97.45	

Wk/Day	Date	Schedule	Taken absence(s)	Booking(s)	Authorisation	Total	Ops Bal	Accounts	Target	Clos Bal	Basic	OT
1 Thu	01/11/2018	SUPPORT(08:30-17:30)		08:16:17-24:02		8.00	0.00	8.00	8.00	0.00	8.00	
1 Fri	02/11/2018	SUPPORT(08:30-17:30)		08:14:16-47:02		8.00	0.00	8.00	8.00	0.00	8.00	
1 Sat	03/11/2018	Non-Workday		22:22-22:27:00	Approved	22.22	0.00	0.00	0.00	0.00		
1 Sun	04/11/2018	Non-Workday		22:22-22:27:00		22.22	0.00	0.00	0.00	0.00		
1 Mon	05/11/2018	SUPPORT(08:30-17:30)		08:15:17-24:02		8.00	0.00	8.00	8.00	0.00	8.00	
1 Tue	06/11/2018	SUPPORT(08:30-17:30)		08:15:17-24:02		8.00	0.00	8.00	8.00	0.00	8.00	
1 Wed	07/11/2018	SUPPORT(08:30-17:30)		08:16:17-24:02		8.00	0.00	8.00	8.00	0.00	8.00	
1 Thu	08/11/2018	SUPPORT(08:30-17:30)		08:17:17-18:02	Approved	8.00	0.00	8.00	8.00	0.00	8.00	
1 Fri	09/11/2018	SUPPORT(08:30-17:30)		08:14:16-59:02	Approved	8.00	0.00	8.00	8.00	0.00	8.00	
1 Sat	10/11/2018	Non-Workday		22:22-22:27:00		22.22	0.00	0.00	0.00	0.00		
1 Sun	11/11/2018	Non-Workday		22:22-22:27:00		22.22	0.00	0.00	0.00	0.00		
1 Mon	12/11/2018	SUPPORT(08:30-17:30)		08:17:17-24:02		8.00	0.00	8.00	8.00	0.00	8.00	
1 Tue	13/11/2018	SUPPORT(08:30-17:30)		08:16:17-24:02	Approved	8.00	0.00	8.00	8.00	0.00	8.00	
1 Wed	14/11/2018	SUPPORT(08:30-17:30)		08:20:17-30:02	Approved	8.00	0.00	8.00	8.00	0.00	8.00	
1 Thu	15/11/2018	SUPPORT(08:30-17:30)		08:20:17-30:02	Approved	8.00	0.00	8.00	8.00	0.00	8.00	
1 Fri	16/11/2018	SUPPORT(08:30-17:30)		08:20:17-30:02		8.00	0.00	8.00	8.00	0.00	8.00	
1 Sat	17/11/2018	Non-Workday		22:22-22:27:00		22.22	0.00	0.00	0.00	0.00		
1 Sun	18/11/2018	Non-Workday		22:22-22:27:00		22.22	0.00	0.00	0.00	0.00		
1 Mon	19/11/2018	SUPPORT(08:30-17:30)		08:20:18:15:02		1.45	0.00	1.45	8.00	-6.15	1.45	

Day Date Time Booking(s) awaiting calculation Type Authorisation

Company J, Middle East	
Approximate number of staff:	650
Number of software clients:	5
Number of terminals:	4
Number of locations:	4

"We are required to produce a series of exports incorporating an analysis of workforce 'key facts' "

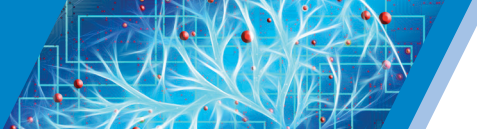
"This information must include a summary of the age and sex and ethnic background of each department. This export can be requested on an ad-hoc basis and can take up to an hour to produce manually. Is there any way that NTD could simplify this process?"

When developing a bespoke export, it is always useful if the customer knows approximately what information it should contain and the required style of the report.

- A hand drawn example, scanned and emailed to the development team is a great starting point. From this we can ask questions about the exact content, totals, and possible summary pages.
- Once we have created a 'test version', the support team will be asked to implement the export, using remote access facilities across the internet. We would then expect the customer to further test the export, and to 'sign off' the export only when they are totally satisfied with the layout and content.
- As always, we work closely with each customer to ensure that the bespoke export meets with their exact requirements.



Company K, Northern Ireland	
Approximate number of staff:	950
Number of software clients:	20
Number of terminals:	8
Number of locations:	4



Access Control and Security

As a leading supplier of access control solutions, our range of products varies from single door access control and standalone solutions to integrated systems capable of managing numerous access control doors across multiple sites.

Tripod Turnstile

Tripod turnstiles are compact and cost-effective entrance solutions designed for smooth and silent operation, less wear and tear and reduced power consumption, suitable for areas where there is a large flow of people.

The TS2033S offers a slim, two-legged casework made of stainless steel, ideal for sites where large flows of people and space are issues.

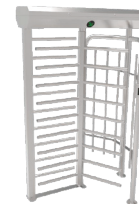
On receiving a signal from the access control system, or push button, it allows the passage of one person at a time. The status is shown on the led-way mode indicators on the top. Passage in both directions is electronically controlled. Default mode is to lock the mechanism until a valid authorization signal is received. If you want to set one side free, you can have it by adjusting the mechanism.

Led way mode indicators included as standard.



Full Height Barrier

The FHT series provide bi-directional access control in conjunction with access control system or any device that can provide a dry contact output (such as a push button). It is designed for both indoor and outdoor using.



Parking Barrier

The parking barrier prevents unauthorized vehicles entering restricted area, and its boom can be raised by the remote control, access control system, and long-distance reader. If a loop detector is installed, impact can be avoided. The boom will be automatically lowered after the vehicle passes through the gate; otherwise, the boom can be lowered manually by using a remote controller or press button. The parking barrier can be equipped with photo cell. When people / vehicle obscure the infrared launched from photo cell, boom will be stopped and then raised during lowering. After people / vehicle leave, the boom will be automatically lowered. With the Boom illuminator system, light turns green when boom is raised and turns red when boom is lowered. It helps the driver to determine the position of boom and avoid hitting the boom.



F22 Ultrathin Fingerprint Access Control & Time Attendance terminal

Display: 2.8-inch TFT colour Display

Fingerprint Capacity: 3,000 (1:N)

ID Card Capacity: 5,000 (Optional)

Sensor: BioID Sensor / Silk ID Sensor

Communication: RS485, TCP/IP, USB-host, Wi-Fi

Dimensions: 159,8 x 80,7 x 19,4

Features

- Can be standalone or managed by North Time Pro 2021
- Fingerprint , RFID Card or Key fob,
- Pin code operation
- Ideal for server rooms, secure offices and meeting rooms
- Sleek design
- Simple menu operation
- WiFi or Ethernet connected



NTD Visitor Management

HEALTH FEATURES

In response to the recent pandemic, we've developed lots of new features to enable your business to remain COVID-19 secure. These features include Capacity Management allowing you to set a maximum capacity and receive notifications when this capacity has been met, breached and back to acceptable levels.

HEALTH DECLARATIONS

Send COVID-19 health declarations to staff and visitors each morning

Those who declare that they're displaying symptoms will be unable to sign in or enter the building

HOST READY NOTIFICATIONS

Manage the number of visitors in your reception by only allowing visitors to enter the building when it is safe to do so Hosts can let visitors know when they are ready for them - all at the click of a button

TRACK AND TRACE

Track and trace visitors who have come in contact with staff who have declared COVID-19 symptoms

Notify those identified and ask them to self-isolate

SIGN IN FOR THE MODERN BUSINESS



SECURE

Know who is on-site at any given time



PROFESSIONAL

Create the right impression **first time, every time**



ADVANCED

Cutting edge software designed so anyone can use it.



TRUSTED

With a 99.7% customer retention rate you can be sure we won't let you down.



LESLIE OTTERSON
GROUP HR /
H&S MANAGER
FOYLE FOOD GROUP



"Since the InVentry Visitor Management System has been installed in 3 of our sites by NTD, it has proven to be extremely professional , efficient, and cost effective.

All regular visitors and contractors are now pre-approved on the system, and set up with a barcode in advance which is so convenient for both parties.

Track and Trace can be carried out effectively as all the information is stored electronically, the data is clear and easily accessible. As a food manufacturer, it is always necessary for each person to declare the answers to specific questions on entry and now we can adapt the questionnaire to include those of a Covid nature. We are delighted with the new process which has made life so much easier."

Access Cards. One-stop shop for all your card requirements

Whatever your ID card requirements, NTD have the solution. We supply plain and pre-printed cards or cards for use in conjunction with Access Control, Time and Attendance, Cashless Vending etc - a few manufacturers of which can be seen below. For extra security, we also offer a host of options to ensure your cards retain the highest integrity.

Let us know your requirements and we will provide you with a very competitive quote.



Accessories. Display cards safely and comfortably for easy identification

NTD offers a wide range of accessories to enhance your security operations from standard lanyards (plain or printed) to card holders, clips, chains, plastic wallets and card reels. Moreover, customised accessories are proven to increase brand awareness and customer loyalty. For more information on our ID accessories range, please feel free to contact us directly today via phone or email.



Are you paying too much for your access control cards?

Northern Ireland's Largest ID card supplier

Radius manages 33,000 quality social housing properties throughout Northern Ireland. This includes sheltered housing for the over 55's and general needs housing for families and single people. We also offer a range of specialist care and support facilities for the frail elderly, people with dementia and learning disabilities, homeless people and victims of domestic violence.

For the safety of all our residents, we make it a requirement for all staff and contractors working on our behalf to show ID.

Visible ID is also a necessity in the office environment. By using different coloured lanyards provided by NTD staff, visitors and contractors can be identified quickly in an area where they shouldn't be.

It is therefore important to us to have a local reputable supplier. NTD has been invaluable installing and setting up the ID system which enables Radius to take control of the ID card production on site and ensures that we have the consumables we need promptly.

Radius
HOUSING

Over 2,000 customers

Accessories

Display cards safely and comfortably for easy identification



See how much you could be saving and speak to us today!

COTAG

HID

INDALA

MIFARE

NP

ORC

Proton Access

SALTO

TDSI



Mailroom Solutions

NTD offers a variety of postage meters and mailing systems. Whether you're looking to increase efficiency in your home office or large corporation, we have the right mailing system to suit your needs.

IN-360 Desktop Franking Machine

Compact, but powerful

Designed for moderate daily mail volumes, the IN-360 features mechanical envelope feed to efficiently process up to 45 letters per minute. Easy to operate, compact and whisper-quiet, IN-360 integrates smoothly into any office environment. Perfect for small businesses with limited floor space, it provides all the benefits of a larger machine.

IN-360 delivers postage discounts of up to nearly 29% versus stamps, with the option to pay in arrears for postage. Your postage account can be topped up on-line 24/7, so you never risk running out of postage again.

With state-of-the-art technology and MyQuadient online account management services at your fingertips, the IN-360 is the best-in-class solution for small offices.

A Complete Mailing and Shipping Solution



Cost saving

By accessing the cheapest postage tariff, you save on every letter or parcel you send.



Productivity

Rate Wizard and integrated scales ensure you calculate the right postage every time.



Effective communications

Promote your brand by overprinting envelopes with marketing messages, logos or slogans.



Expense control

Monitor, track and control your postal spend with our online portal, Myquadient.



Recent Mailroom Installations



Dungannon Primary School – IS-280



Installation at "McCartan Turninkgton and Breen – IN-600 with Auto-Feeder"





Out and about...

The implementation team continued to work through the pandemic carefully following each customer's COVID guidelines.



Commissioning of Access Control turnstile at Jebco Foods



Installation of Access Control at Ready Egg's





Out and about (a little bit further)...



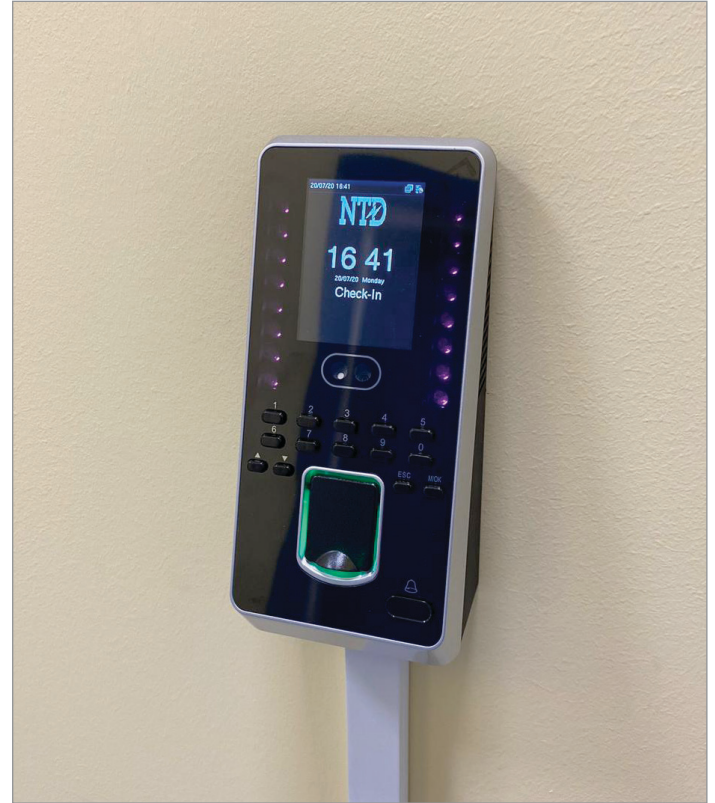
Installation at Berties Bakery of NT Proface and Intercom



Av Brown – Temperature detection with automatic hand sanitiser



NT Speedface with temperature detection at Fortress Diagnostics



MB 800 Access control at Bell Fitness Studios

North Time Pro 2021

Touchless Biometrics Solution with Fever Detection

In public areas, the sanitary issue during this COVID-19 epidemic, is of utmost importance.

3 Features of New Biometric Technologies for Access Point Security while identifying visitors with coronavirus symptoms

Temperature Check
for Users

Facial Recognition
for Masked Persons

Touchless for
Better Hygiene



Head office

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Ballinderry Road Industrial Estate
Lisburn
BT28 2BP
Northern Ireland
Tel: +44 (0) 2892 604000
E-mail: info@ntdltd.com
www.ntdltd.com



Follow us on LinkedIn
North Time & Data

