



Epidemic Contact Tracing Solution Overview

CsHealth Contact Tracing Solution

Alan Johnson 86 years old, Male
Date of birth: 01-Jun-1934 NHS Number: 652 248 5422 Address: 15 Apple Tree Grove, Telford, TF5 3BN

CsHealth Contact Tracing > Interventions > Contact Tracing - Alan Johnson (652 248 5422)

Consent status Unknown.

Contact Tracing - Alan Johnson (652 248 5422)
Intervention

Event Intervention Containing...
Active for 41 hours

Assess Intervene (41 Hrs)

General Mapping Related

Intervention

Intervention Type * **Contact Tracing**

Person * **Alan John...**

Status Reason **Active**

Owner * **Mark Sissens**

Health Status

Condition+ **Covid-19**

Risk **2 - Medium**

Condition Status+

Active Events

- Infectious Contact (Covid-19) - Gemma Jones
03/06/2020 0600
03/06/2020 0054
- Infectious Contact (Covid-19) - Thomas Gla...
03/06/2020 0600
04/06/2020 2038
- Infectious Contact (Covid-19) - Simone Weil
03/06/2020 1200
04/06/2020 2040
- Infectious Contact (Covid-19) - Alan Johnson
03/06/2020 1600
04/06/2020 2042

- Patient Safety Compliant
- Any Browser, Any Device (PC, Android, iOS)
- Integrates with Office 365
- Supports Offline mode for limited internet access
- Microsoft Azure Hosted

Contact Tracing Process



ASSESS	Determine if a Contact Tracing intervention is required
INTERVENE	Capture person details and health status
TRACE	Capture interactions since the Infectious Contact Event. Convert these interactions to Infectious Contact Events for other members of the team to trace.
MONITOR	Monitor and maintain contact – assess for any change in condition.

Capture Infectious Contact

The screenshot shows the CsHealth application interface. The top navigation bar includes the CsHealth logo and a breadcrumb trail: CsHealth > Contact Tracing > Events. A left-hand navigation menu lists various sections: Home, Recent, Pinned, My Work, Events (highlighted), Interventions, People and Places, People, Organisations, and Places. The main content area displays a table titled 'Active Events' with columns for 'Event Date' and 'Name'. The table contains four rows of data:

Event Date	Name
03/06/2020 08:00	Infectious Cont
03/06/2020 08:00	Infectious Cont
03/06/2020 12:00	Infectious Cont
03/06/2020 16:00	Infectious Cont

At the bottom of the interface, there is a status bar showing 'CT Contact Tracing' and 'ABC 1 - 4 of 4 (0 selected)'.

Quick Create: Event

Event Type * **Infectious Contact**

Event Date * 04/06/2020 08:00

Person * **Ron Lazenby**

Condition + **Covid-19**

Episode + ---

Description Referred by Mobile Tracing Application.

Save and Close | Cancel

Capture Person Details

The screenshot shows the CsHealth application interface. The top navigation bar includes the CsHealth logo and the path 'CsHealth > Contact Tracing > Events'. A sidebar on the left contains navigation options: Home, Recent, Pinned, My Work, Events (selected), Interventions, People and Places, People, Organisations, and Places. The main content area displays a table titled 'Active Events' with columns for 'Event Date' and 'Name'. The table contains four rows of data, all with the name 'Infectious Cont'. The bottom status bar shows 'CT Contact Tracing', 'ABC', and '1 - 4 of 4 (0 selected)'.

Quick Create: Person

Record Type

Personal

Person Information

NHS Number + 450 557 6505

First Name + Ron

Last Name * Lazenby

Date of Birth 17/06/1958

Gender Male

Further Details

Save and Close

Cancel

Captures:

- **Consent**
- **Preferred Contact Methods**
- **Risk Factors**
- **Person Flags & Notifications**
- **Existing Conditions**

Patient Safety

The screenshot displays the CsHealth application interface. At the top, the breadcrumb navigation shows 'CsHealth > Events > Infectious Contact (Covid-19) - Ron Lazenby'. A left-hand navigation menu includes 'Home', 'Recent', and 'Pinned'. The main content area features a toolbar with 'Save', 'Save & Close', 'New', 'Deactivate', 'Delete', and 'Refresh'. A prominent orange warning banner reads 'Consent status Unknown.'. Below this, the event title 'Infectious Contact (Covid-19) - Ron Lazenby' is displayed. A progress bar at the bottom indicates the current stage: 'Event Intervention Conta...' (partially visible) with a duration of 'Active for less than one mi...'. The progress bar shows a red target icon and a grey circle, with the text 'Assess (< 1 Min)' and 'Interven' (partially visible) below it.

- **Warning flags alert the tracer to critical information**
- **Visible process flow indicates progress**
- **Stage durations are tracked to enable KPI monitoring**

Assess Infectious Contact

The screenshot displays the CsHealth application interface for an infectious contact event. The top navigation bar shows the breadcrumb path: CsHealth > Events > Infectious Contact (Covid-19) - Ron Lazenby. A toolbar below the navigation bar contains actions: Save, Save & Close, New, Deactivate, Delete, Refresh, Process, Assign, and a menu icon. A warning banner indicates "Consent status Unknown." The main title is "Infectious Contact (Covid-19) - Ron Lazenby" with the subtitle "Event". Below the title is a timeline with three stages: "Event Intervention Conta..." (Active for less than one mi...), "Assess (< 1 Min)", "Intervene", and "Trace". The "Assess" stage is currently selected. The "General" tab is active, showing a table of event details:

Field	Value
Person	* Ron Lazenby
Event Type	* Infectious Contact
Event Date	* 04/06/2020 08:00
Condition	+ Covid-19
Degree of Contact	+ ---

The bottom of the interface shows "CT Contact Tracing" and "Active" status, with a "Save" button.

Trigger Intervention

The screenshot displays the CsHealth application interface for managing an infectious contact event. The main content area shows the event details for 'Infectious Contact (Covid-19) - Ron Lazenby'. A progress bar at the top of the event details indicates the current stage is 'Assess (6 Min)', which is active for 6 minutes. Below the progress bar, there are three tabs: 'General', 'Related', and 'Interventions'. The 'General' tab is selected, showing a list of fields for the event, including Person, Event Type, Event Date, Condition, and Degree of Contact. A modal window is open over the 'Assess (6 Min)' stage, displaying a checklist with the following items:

- ✓ Assessed * Yes
- ✓ Intervention Required * Yes

At the bottom of the modal, there is a blue button labeled 'Next Stage >'. The bottom of the main content area shows 'unsaved changes' and a 'Save' button.

Create Contact Tracing Intervention

The screenshot displays the CsHealth interface for creating a contact tracing intervention. The main header shows the breadcrumb path: CsHealth > Contact Tracing > Interventions > Contact Tracing - Ron Lazenby (450 557 6505). The intervention is titled "Contact Tracing - Ron Lazenby (450 557 6505)" and is currently in the "Intervene (2 Min)" stage, which is highlighted with a red circle. The intervention status is "Active" (INT-0001001) with a status reason of "Active". A timer shows "0d 13h 33m 1s".

The "Intervene (2 Min)" modal window is open, showing the following details:

- Active for 2 minutes
- Consent Confirmed: No
- Contact Details Updated: No
- Condition Status: Potential
- Review Interval: ---
- Next Review: ---

The "Trigger Event" section shows:

- Event Type: Infectious Contact
- Event Date: 04/06/2020 08:00
- Condition: Covid-19
- Person: Ron Lazenby

The "General" tab of the intervention details shows:

- Intervention Type: Contact Tracing
- Person: Ron Lazenby
- Status Reason: Active
- Owner: Mark Sissens

The "Contact Reports" section is currently empty, displaying "No data available." The "Activity" section includes a "Timeline" search bar and a note entry field.

Capture Activity – Tasks, Emails, Phone calls

Lazenby (450 557 6505) INT-0001001 Active ---
Intervention No. Status Reason On Hold Time (Minutes) ✓

Assess Intervene (10 Min) Trace Monitor

ed

data available.

No

No

Activity

Timeline



Search timeline

Enter a note...



Email from Terry Smith
Thank you for taking my call

Active

21:40



Phone Call from Terry Smith
Initial Contact

Active

21:38

Activity is captured in one place:

- Single view of the person
- Captures Tasks, Emails, Phone Calls, SMS messages

Progress to Contact Tracing

The screenshot displays the CsHealth Contact Tracing interface for a specific intervention. The top navigation bar shows the breadcrumb path: CsHealth > Contact Tracing > Interventions > Contact Tracing - Ron Lazenby (450 557 6505). The main header includes the intervention name, ID (INT-0001001), and status (Active). A progress bar below the header shows four stages: 'Event Intervention Conta...' (Active for 24 minutes), 'Assess', 'Inter... (13 Min)' (highlighted with a red circle), 'Trace', and 'Monitor'. A pop-up window over the 'Inter...' stage lists the following details:

- Consent Confirmed: Yes
- Contact Details Updated: Yes
- Condition Status: Potential
- Review Interval: 2 days

Below the pop-up, a 'Next Stage' button is visible. The main content area shows a 'Process Status' table with the following data:

Field	Value
Consent Confirmed	Yes
Personal Details Updated	Yes
Review Interval	2 days

At the bottom, a notification for 'Phone Call from Terry Smith' is shown with a 'TS' icon and a status of 'Active'.

Capture Contact Traces

The screenshot displays the CsHealth software interface for creating a 'New Infectious Contact Report'. The interface features a purple header bar with the CsHealth logo and navigation icons. A left sidebar contains a menu with options like Home, Recent, Pinned, My Work, Events, Interventions, People and Places, People, Organisations, and Places. The main content area shows the report form with the following fields:

- Intervention:** * Contact Tracing - Ron Lazenby (450 557 6505)
- Date of Contact:** * 04/06/2020 12:00
- Person:** Janet Lazenby
- Place:** ---
- Degree of Contact:** * Primary
- Contact Duration:** 3 hours

At the bottom of the form is a 'Map' section showing a street view. The footer of the interface includes 'CT Contact Tracing', 'Active', 'unsaved changes', and a 'Save' button.

Geo-Mapping of Contact Traces

The screenshot displays the CsHealth software interface for creating a 'New Infectious Contact Report'. The interface is divided into several sections:

- Top Bar:** Contains the CsHealth logo, a dropdown menu, and utility icons for search, share, zoom, filter, settings, help, and user profile.
- Left Sidebar:** A navigation menu with categories: Home, Recent, Pinned, My Work (Events, Interventions), and People and Places (People, Organisations, Places).
- Form Header:** 'New Infectious Contact Report' with a 'General' tab selected.
- Map View:** A map of Southwark, London, showing several contact reports as orange location pins. The pins are labeled with IDs: 'Contact Report (IFR-0002165)', 'Contact Report (IFR-002165)', and 'Contact Report (IFR-019465)'. The map shows streets like Borough Road, Westminster Bridge Road, and London Road.

Complete Trace & Convert to Events

The screenshot displays the CsHealth software interface for a contact tracing intervention. The top navigation bar shows the breadcrumb path: CsHealth > Contact Tracing > Interventions > Contact Tracing - Ron Lazenby (450 557 6505). The main content area features a process flow with stages: Assess, Intervene, Trace (12 Min), and Monitor. A red line highlights the 'Trace' stage, which is currently active. A dialog box is open over the 'Trace' stage, titled 'Convert Contact Reports to Events', with a checked 'Yes' option and a 'Next Stage' button. The 'Contact Reports' section lists two contacts: Janet Lazenby (04/06/2020 12:00) and Alan Johnson (04/06/2020 16:00). The 'Activity' section shows a timeline with a search bar and a note from Terry Smith. The bottom status bar indicates 'Active' and 'unsaved changes'.

Contact Reports automatically added to queue

The screenshot shows the CsHealth software interface. At the top, there is a purple header with the CsHealth logo and navigation breadcrumbs: CsHealth > Contact Tracing > Events. Below the header is a toolbar with icons for 'Show Chart', '+ New', 'Delete', 'Refresh', 'Email a Link', and 'Flow'. A left sidebar contains navigation options: Home, Recent, Pinned, My Work, and Events (which is currently selected). The main content area is titled 'Active Events' and displays a table of events.

Event Date	Name
04/06/2020 16:00	Infectious Contact (Covid-19) - Alan Johnson
04/06/2020 12:00	Infectious Contact (Covid-19) - Janet Lazenby
04/06/2020 08:00	Infectious Contact (Covid-19) - Ron Lazenby

Monitoring

The screenshot displays the CsHealth interface for a contact tracing intervention. The top navigation bar shows the breadcrumb path: CsHealth > Contact Tracing > Interventions > Contact Tracing - Ron Lazenby (450 557 6505). The main content area features a progress bar with four stages: Assess, Intervene, Trace, and Monitor (5 Min). The Monitor stage is currently active, indicated by a red circle and a tooltip that reads "Active for 5 minutes".

Below the progress bar, the "General" tab is selected, showing the following details:

- Person: * Ron Lazenby
- Status Reason: Active
- Owner: * Mark Sissens

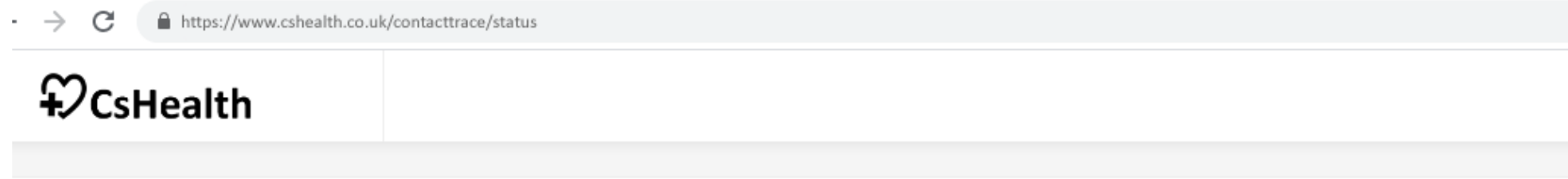
On the right side, a "Condition" panel displays the following information:

- Condition Status: * Potential
- Review Interval: + 2 days
- Next Review: * 06/06/2020

At the bottom of the condition panel, there is a "Finish" button. Below this, a "Contact Reports" section shows a report for 04/06/2020 12:00.

The bottom status bar indicates the intervention is "Active" and includes a "Save" button.

Automated Monitoring via Portal, SMS or Email



Have you experienced any of the following?

- A HIGH TEMPERATURE
- A NEW, CONTINUOUS COUGH
- LOSS OR CHANGE TO YOUR SENSE OF SMELL OR TASTE
- SHORTNESS OF BREATH, STOMACH PAIN, SEVERE UNEXPLAINED TIREDNESS
- A CHANGE TO ANY OF YOUR PRE-EXISTING CONDITIONS

Have you been informed of any of the following?

- A TEST RESULT
- A DIAGNOSIS

CsHealth Safety App

The screenshot displays the CsHealth Safety Client interface. At the top, it shows the patient's name, Alan Johnson, 86 years old, Male, with a date of birth of 01-Jun-1934, NHS Number 652 248 5422, and address 15 Apple Tree Grove, Telford, TF5 3BN. The main header indicates the current view is 'Contact Tracing - Alan Johnson (652 248 5422)'. Below this, a progress bar shows the intervention stages: Assess (completed), Intervene (41 Hrs), Trace, and Monitor. The 'Intervene' stage is currently active. The main content area is divided into several panels: 'Intervention' (Type: Contact Tracing, Person: Alan Johnson, Status Reason: Active, Owner: Mark Sissens), 'Health Status' (Condition: Covid-19, Risk: 2 - Medium, Suspected), 'Event Elapsed Time' (13d 1h 29m 49s), and 'Trigger Event' (Event Type: Infectious Contact, Event Date: 03/06/2020 16:00). A sidebar on the left provides navigation options like Home, Recent, Pinned, My Work, Dashboard, Events, Interventions, People and Places, and Places. The bottom status bar shows 'CT Contact Tracing' and 'Active'.

Patient Safety App:

- Provides person context data to support safe clinical decision making
- Tracks patient context and closes documents opened in the context of a previous person

Team Productivity Tools

- **Secure automated status monitoring via Email, SMS or CsHealth Web Portal**
- **Queue Management functionality enables large teams to work effectively**
- **Integration with Skype, Skype for Business, Microsoft Teams and Outlook**
- **Integration with Microsoft Power BI and Excel for powerful analytics**

Integration & Data Import / Export

- **REST API to support integrations with healthcare systems**
- **Scheduled Data Import / Export function using standard CSV format**
- **Batch Import of Excel or XML files**

Want to arrange a demonstration?

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