

# **Names4Numbers**

**An extension for the Chrome™ browser**

Version 0.4.6

by Julie Montoya

# Introduction

ParentShield Names4Numbers is an extension for the Google Chrome™ web browser which creates the appearance of replacing telephone numbers in the ParentShield web portal with the names of your child’s contacts. We say “creates the appearance” because all changes to the portal content are being made *after* it has already been delivered to the user’s computer. The names entered by users to be associated with numbers are never sent to ParentShield.

# Prerequisites

To use Names4Numbers, you will need the Google Chrome™ browser (or the truly open-source Chromium browser which is included in many Linux distributions).

The extension can be downloaded from this link:

<https://chrome.google.com/webstore/detail/djfnfaefefegponefppbgpigbnoghggi>

# Using Names4Numbers

Once you have installed the extension, you should navigate to the ParentShield web portal. You will see a screen similar to this:

The screenshot shows the ParentShield web portal interface. At the top left is the logo "ParentShield" with the tagline "The Child-Safe Mobile Network". On the top right are links for "HOME" and "LOG OUT". Below the logo is a "Select SIM:" dropdown menu currently set to "07391900643 (Bob)". To the right of the dropdown are radio buttons for "Show most recent" (selected) and "Search by Date".

A green banner contains the text: "To display names, rather than numbers in the Portal, download our new Chrome Extension: Here". Below this banner is a navigation menu with tabs: "CALLS", "TEXT", "DATA", "SETTINGS", "BILLING", "FILTER", "SIMS", and "NAMES". The "NAMES" tab is currently selected.

Below the navigation menu is a status bar showing "Credit Balance £13.01", a "TOP UP BY CARD" button, and "REMAINING: unlimited time | unlimited messages | 459.28 MB. data".

The main content area is a table with the following columns: "DATE", "CALL", "FROM", "TO", and "ao". The table contains five rows of call records, all showing the name "Bob" instead of a phone number in the "FROM" column.

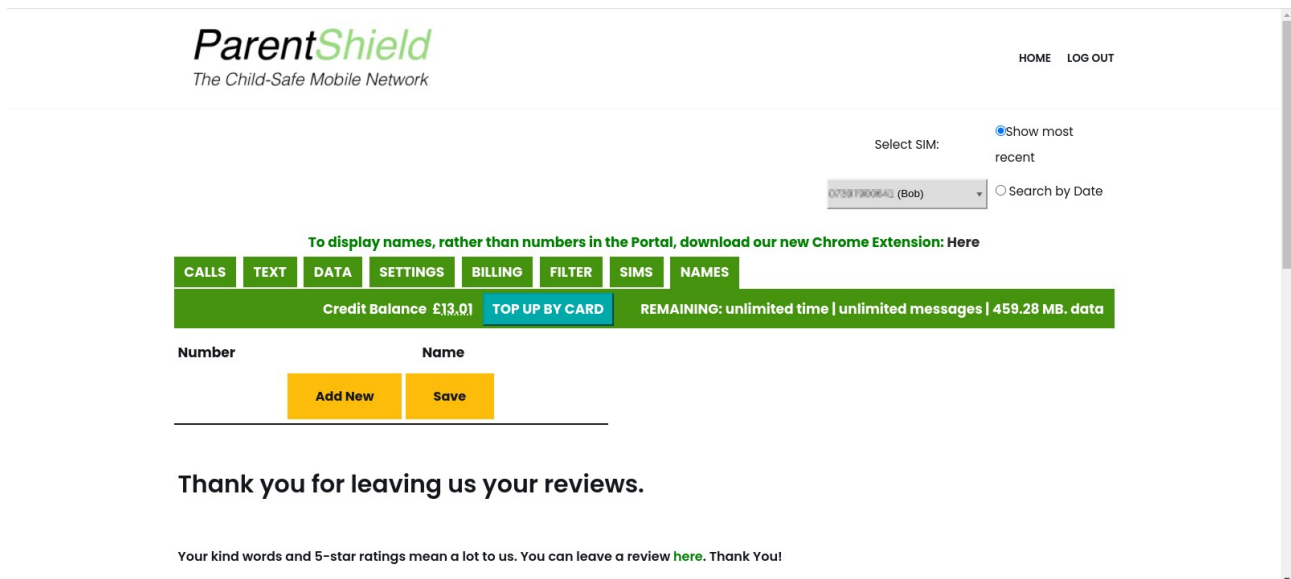
DATE	CALL	FROM	TO	ao
2021-07-17 08:48:41	00'07" →	Bob	07480477254	▶ ⬇ 🗑
2021-07-10 08:25:46	00'28" ←	07480477254	Bob	▶ ⬇ 🗑
2021-07-10 08:25:24	00'09" →	Bob	07480477254	▶ ⬇ 🗑
2021-07-09 09:27:13	00'21" →	Bob	01283707058	▶ ⬇ 🗑
2021-06-07 10:23:24	00'03" →	Bob	01283707058	▶ ⬇ 🗑

Below the table is a note: "To see more calls, select "Search By Date" above."

Note there is now an extra tab, labelled “Names”. This is where you can enter numbers and the names you wish to appear in their place. (Note: you will not see the “Sims” tab if you have only a single SIM account.)

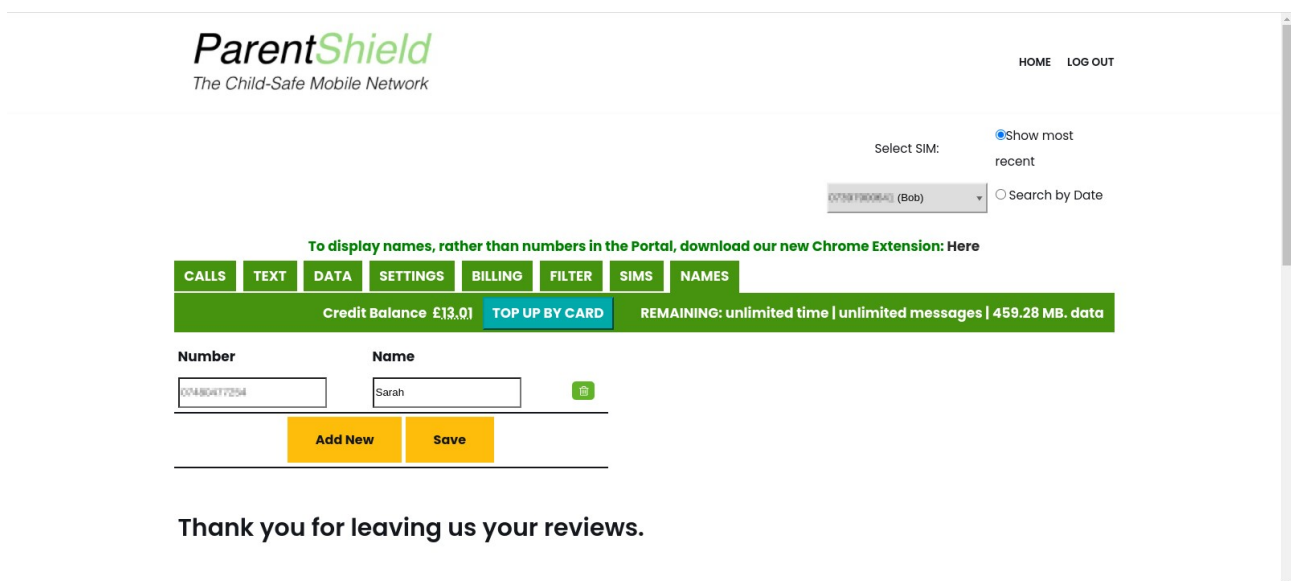
# Entering numbers and names by hand

If you click into the “Names” tab, you will see this initially:



The screenshot shows the ParentShield web interface. At the top left is the logo "ParentShield" with the tagline "The Child-Safe Mobile Network". On the top right are links for "HOME" and "LOG OUT". Below the header, there is a "Select SIM:" dropdown menu set to "07591700641 (Bob)" and radio buttons for "Show most recent" (selected) and "Search by Date". A green navigation bar contains tabs for "CALLS", "TEXT", "DATA", "SETTINGS", "BILLING", "FILTER", "SIMS", and "NAMES" (which is highlighted). Below the navigation bar, a green status bar displays "Credit Balance £13.01", a "TOP UP BY CARD" button, and "REMAINING: unlimited time | unlimited messages | 459.28 MB. data". The main content area features a table with two columns: "Number" and "Name". Below the table are two yellow buttons: "Add New" and "Save". Below the table, there is a message: "Thank you for leaving us your reviews." followed by a smaller line of text: "Your kind words and 5-star ratings mean a lot to us. You can leave a review [here](#). Thank You!

This is a table, but there are no rows in it yet. You can click “Add New” to add a new entry:



This screenshot is identical to the previous one, but the table now contains one entry. The "Number" column has the value "07480477294" and the "Name" column has the value "Sarah". A small green icon is visible to the right of the name input field. The "Add New" and "Save" buttons remain below the table.

The number should be entered in the left-hand column and the name in the right-hand column.

The browser extension will always try to update the list automatically as soon as you click anywhere outside the entry boxes, but you can click “Save” to force it to be saved.

# Entering numbers directly by clicking

On the “Calls” and “Text” screens, clicking on a telephone number in the “From” or “To” columns usually brings up a menu which allows you to add the number to the Safe list (if ultra-secure mode is enabled) or Block List, or remove it if it is already on the relevant list. The Names4Numbers extension adds an additional option, “Add Name” to this menu.

ParentShield  
The Child-Safe Mobile Network

HOME LOG OUT

Select SIM:  Show most  
recent

07337300641 (Bob)  Search by Date

To display names, rather than numbers in the Portal, download our new Chrome Extension: Here

CALLS TEXT DATA SETTINGS BILLING FILTER SIMS NAMES

Credit Balance £13.01 TOP UP BY CARD REMAINING: unlimited time | unlimited messages | 459.28 MB. data

DATE	CALL	FROM	TO	ao
2021-07-17 08:48:41	00'07" →	Bob	07480477254	
2021-07-10 08:25:46	00'28" ←	07480477254	Bob	
2021-07-10 08:25:24	00'09" →	Bob	07480477254	
2021-07-09 09:27:13	00'21" →	Bob	Please Select	
2021-06-07 10:23:24	00'03" →	Bob	Please Select Add to Block List Add Name Cancel	

To see more calls, select "Search By Date" above.

Selecting “Add Name” from the menu will take you straight to the “Names” tab, with the number you clicked on already in a new row and the cursor already in the name entry box.

ParentShield  
The Child-Safe Mobile Network

HOME LOG OUT

Select SIM:  Show most  
recent

07337300641 (Bob)  Search by Date

To display names, rather than numbers in the Portal, download our new Chrome Extension: Here

CALLS TEXT DATA SETTINGS BILLING FILTER SIMS NAMES

Credit Balance £13.01 TOP UP BY CARD REMAINING: unlimited time | unlimited messages | 459.28 MB. data

Number	Name
07480477254	Sarah
07337300641	Name

Add New Save

Thank you for leaving us your reviews.

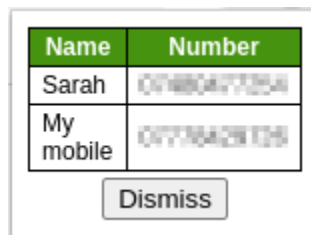
## Changing and removing names and numbers

You can delete a number and name by clicking the rubbish bin icon in the relevant row on the “Names” tab. You can also edit numbers or names.

**Note that if you remove or edit a name or number, you will need to refresh the page in your browser before the change takes effect.** This is inherent in the nature of the way Names4Numbers works. The browser extension runs entirely on your computer, altering the contents of its memory; so once the substitution of names for numbers has already been performed, the thing the browser extension is looking for to replace is not there anymore. (The exception is if you enter a number with a typing error which causes it not to match any number displayed on the screen. Once the number is corrected, the number it now matches will be substituted with the name you entered.) Additionally, if you have multiple SIMs, selecting a different one will cause a partial refresh of the “Calls” and “Text” tabs.

## The pop-up window

The Names4Numbers extension has a pop-up window which can be accessed by clicking the small “shield” icon (if “pinned” in your browser). This simply shows the names and numbers with a “Dismiss” button. You can click on it anytime to check your stored names and numbers.



Name	Number
Sarah	07980477204
My mobile	07776428728

Dismiss

## Synchronisation

If you have a Google account and are signed into it while the Names4Numbers extension is running, your names and numbers will automatically be stored in your Google account. This will allow you to maintain the same information across multiple computers.

## And more ...

If you are a browser extension developer yourself and would like an unpacked copy of the Names4Numbers extension code to experiment with, we’d love to hear from you! Send an e-mail to [developers@engine-mobile.co.uk](mailto:developers@engine-mobile.co.uk) and we will get back to you.

## Version History

Version	Notes
0.4.5	First published version
0.4.6	Requests fewer permissions