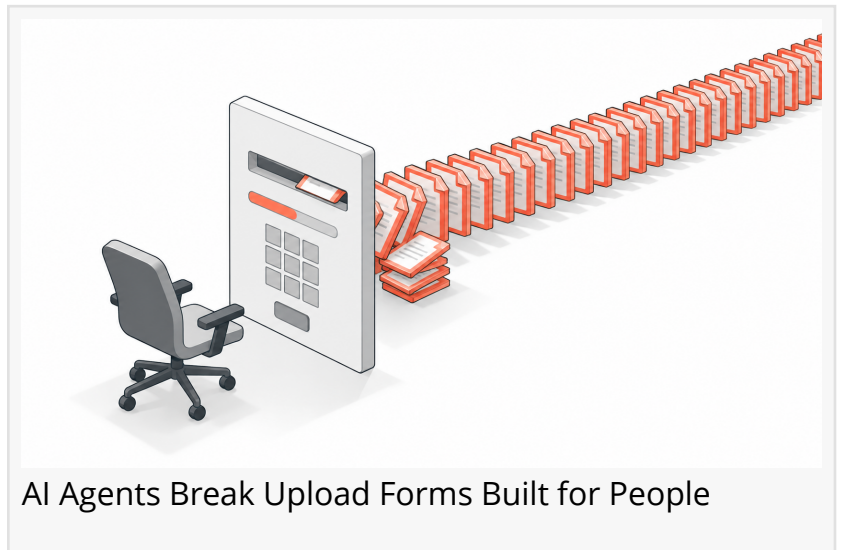


AI Agents Break Upload Forms Built for People

AI now fills in forms and uploads documents on people's behalf. The "prove you are human" tests that protect sites were all designed for a person at a keyboard.

AUSTIN, TX, UNITED STATES,
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EINPresswire.com/ -- Every upload form on the internet makes a quiet assumption. Somebody is sitting in front of it, choosing a file, pressing a button, watching a bar fill up. Much of the security around that form depends on that person being there.



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Increasingly, nobody is. Gartner predicts that 40% of enterprise applications will include AI agents built for specific tasks by the end of 2026, up from less than 5% in 2025. An agent filing expenses uploads the receipts. An agent onboarding a new supplier uploads their certificates. An agent closing the month uploads 400 invoices.

Each protection built for a person breaks when an agent arrives, and none of them breaks because anybody did anything wrong.

The "prove you are human" test, the puzzle of traffic lights and crosswalks, exists to confirm a person is present. An agent working for a real customer fails it by design. The usual workaround is a separate entrance for automated traffic, and that entrance has no puzzle to stop anyone else from using it.

The speed limit is set to how fast a person can click. An agent submitting 400 legitimate invoices in a minute looks exactly like an attack. The website either blocks real work, or raises the limit for everybody, including the attackers it was meant to stop.

The progress bar tells a person when an upload has stalled so that they can try again. An agent has no screen to watch. The upload hangs without anyone noticing, or retries until the same

invoice is saved three times, and the duplicates surface weeks later in an accounting report.

Underneath all three sits the login. A person proves who they are with a password and a session that expires. An agent needs credentials it can carry, and the easiest thing to hand over is a permanent key that can upload anything, anywhere, for as long as it exists.

[Upload security](#) that works with agents moves three things out of the web page and into the request itself. Permissions are limited to one task and expire when the task does.

Limits on file size and destination, enforced by the server rather than the page. And a signed confirmation sent to the company's systems when a file arrives, in place of a bar on a screen. None of the three asks whether a human is present. All three ask whether this request is allowed.

"An agent uploading invoices is a customer, and a traffic-light puzzle cannot tell it from an intruder," said Emiliano Trozzi, Head of Marketing at Filestack. "What works is permission a machine can carry, limits the server enforces, and a receipt a machine can verify."

Filestack, which provides file upload infrastructure to developers, is built for software as well as people. Its upload service accepts a file, or a link to one, directly from another program, with no web page involved. Filestack [security policies](#) work like signed permission slips.

A company can give the invoice agent permission to upload files of up to 10 MB into one folder for the next ten minutes, and nothing else. Filestack webhooks send the company's systems a signed notice each time a file is stored, including its name, type, and size, and send it again if the first notice does not get through.

Two websites meet the same agent on the same afternoon. One asks it to click on traffic lights. The other hands it a permission slip that expires, and sends back a signed receipt.

About Filestack

Filestack provides APIs and SDKs to upload, transform, secure, and deliver files. Developers use it to add file handling to web and mobile applications without building and maintaining the systems behind it.

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