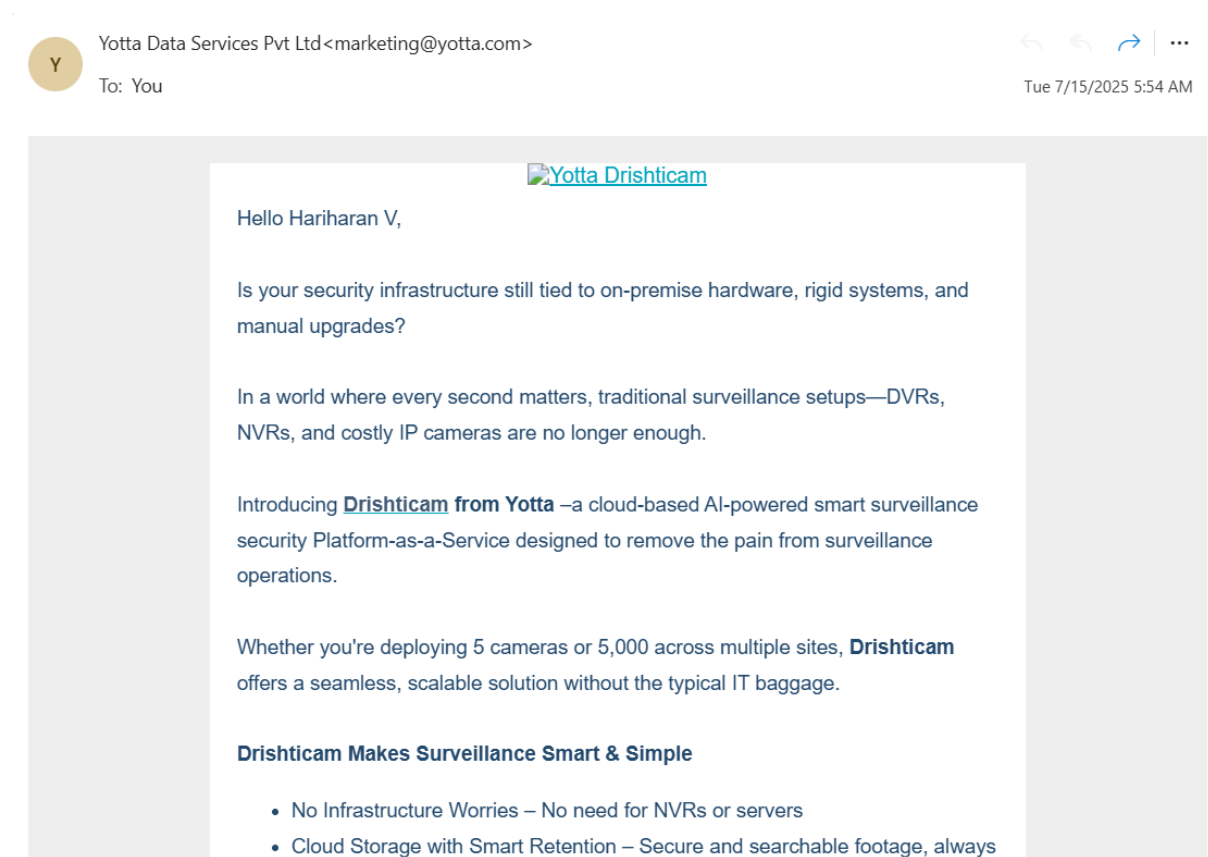


Task 2: Analyze a Phishing Email

Step 1: Obtain a Sample Phishing Email

- Search for phishing email samples from educational or cybersecurity research sites. But I'll choose my own email inbox have 1 spam message.
- You can also use a saved .eml or .txt file from a known phishing incident (in a safe, offline sandbox).



- Remote Monitoring, 24/7 – Real-time AI-enabled alerts
- Low Bandwidth, High Efficiency – Optimized for Indian network conditions
- Simple Integration – Brand Agnostic with ONVIF compatibility

Why It's a Game-Changer for You

- Add a recurring revenue model to your offering
- Expand without CapEx
- Offer clients proactive protection, not just passive recording
- Stay ahead in the evolving surveillance ecosystem

Perfect For:

- Smart City Surveillance & Government
- Manufacturing
- Multi-site Retail & Warehouses
- Construction & Infrastructure Projects
- Hospitality, Healthcare
- BFSI, Education

Let's Collaborate

We're partnering with forward-thinking security firms, SLS, and Tech providers to deliver cloud-first surveillance solutions.

Book a Demo

www.drishticam.ai

Step 2: Examine Sender's Email Address

- Open the email in a viewer or text editor.
- Check if the <display name> matches the <email address>.
- Look for suspicious domains, typos (e.g., amaz0n.com instead of amazon.com), or free email services like Gmail or Yahoo claiming to be a company. In My mail marketing@yotta.com.

Step 3: Check Email Headers

- Use an <online header analyser> like:
 - [Google Admin Toolbox Messageheader](<https://toolbox.googleapps.com/apps/messageheader/>)
 - [MxToolbox Email Header Analyzer](<https://mxtoolbox.com/EmailHeaders.aspx>)
- Paste the raw header from the email into the tool.
- > Look for:
 - Sender IP mismatch
 - SPF/DKIM/DMARC failures
 - Time zone inconsistencies

Header Analyzed

Email Subject: Smarter Surveillance Starts Here – Meet Yotta's Drishlicam

Analyze New Header

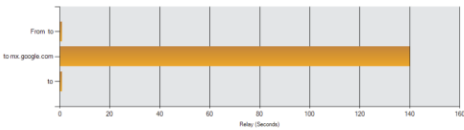
Copy/Paste Warning
Copy/Pasting a header works for most people, but sometimes it can cause problems with things like DKIM Validation. For the best results, use our [Email Deliverability tool](#)

Delivery Information

- DMARC Compliant
 - SPF Alignment
 - SPF Authenticated
 - DKIM Alignment
 - DKIM Authenticated

Relay Information

Received
Delay: 139 seconds



Hop	Delay	From	By	With	Time (UTC)	Blacklist
1	*		172.16.02.38	SMTP	7/15/2025 5:52:35 AM	
2	2 minutes	bi046oy.bf05x.hubspotemail.net 158.247.18.144	mx.google.com	ESMTPS	7/15/2025 5:54:54 AM	
3	0 seconds		2002:a05:6a10:e1cc:b0:5e8:43cd:ca70	SMTP	7/15/2025 5:54:54 AM	

SPF and DKIM Information

dmarc:yotta.com [Show](#) [Solve Email Delivery Problems](#)

v=DMARC1; p=quarantine; rua=mailto:dmarc@yotta.com

spf:yotta.com:158.247.18.144 [Show](#)

v=spf1 include:_spf.google.com include:spf.protection.outlook.com include:aspmx.pardot.com include:amazonses.com include:email-messaging.com ~all

Dkim Signature Error:
No DKIM-Signature header found - [more info](#)

Dkim Signature Error:
There must be at least one aligned DKIM-Signature for the message to be considered aligned. - [more info](#)

Headers Found

Header Name	Header Value
From	Yotta Data Services Pvt Ltd <marketing@yotta.com>
To	
Subject	Smarter Surveillance Starts Here – Meet Yotta's Drishicam
Thread-Topic	Smarter Surveillance Starts Here – Meet Yotta's Drishicam
Thread-Index	ATk1NDhuBpXaGtARDdLg6lnRQ0g==
X-MS-Exchange-MessageSentRepresentingType	1
Date	Tue, 15 Jul 2025 05:52:35 +0000
Message-ID	<1752558670949.be92226b-f8b9-4460-9d5f-054d4f9c589b@f05x.hubspotemail.net>
List-Unsubscribe	<mailto:taxcxhvdgobuz53kuz2v6eio1oxz2nsyzf-hariharan@c-gmail.com@f05x.hubspotemail.net?subject=unsubscribe>, <https://hs-22434931.s.hubspotemail.net/subscription-preferences/v2/unsubscribe-all?data=W2h0b2hfY3JyWF5hW3GWeyy2KQr1W43WskY3mHGOOW156p19MTBhY2VhZG9FWW1hWVJmZm4uZ2VhbnRlR3Q3RkkgNkxP9w3FQwZmRmJkVW12dM6eCVPkV3z365S8P-H4W3NTZ26wvY2W326w23pR6gH47CjY8xSf-77pH46uKT4726uK9J30wTX303wmt-W3M1yy3X-4LH4W3FJ62uTK6uW1hRCL3Kd-6V2RbhYh4Q8a7W232K2CzWpLWJ1L58p45H5uW2Mpb-TM3yX0N9W2uZLT3R15RvW3gWfXV2Mm3F7W43Ph7V254DmRV349QK3z6LrW46vXT1Q4Wk7W4p3Ym3BMwv2W33YQy625p2R6W1Qh5SC483z6Rw3YX2a34FC1W25p2XF4cZLwW3gRqj3Lp3aW1_KG3E3R5G2wW2HPhJz3J-kdW1B1QFm1X06w9W3gvVj3SQ_3KW1_rv_449yKJ8W2Mfz72H_Lx8NW2i78z24fMprW213P4n2-g6wW3BWmX512zq6YVW4zGnF4M_JH4W4mY41LwpVZW3yZBz3257QW2FvS12dQKwW2X3OR91_9KcQW3QFHfnc3_ZXWW4zRw654thCcwGP7XNvO4>
Reply-To	"marketing@yotta.com" <marketing@yotta.com>
Content-Language	en-US
X-MS-Has-Attach	
X-Auto-Response-Suppress	All
X-MS-Exchange-Organization-SCL	-1
X-MS-TNEF-Correlator	
X-MS-Exchange-Organization-RecordReviewCfmType	0
received-spf	pass (google.com: domain of taxbz18xd5mqmzf408mZxorsk6oekegh9mpz-hariharan@c-gmail.com@f05x.hubspotemail.net designates 158.247.18.144 as permitted sender) client-ip=158.247.18.144;
Content-Type	multipart/alternative; boundary="_000_1752558670949be92226bfb8944609d5054d4f9c589b05xhubsp_"
MIME-Version	1.0

Received Header

Received: by 2002:a05:6a18:e1cc:b05e8:43dcca78 with SMTP id x12cso172599pxv; Mon, 14 Jul 2025 22:51:54 -0700 (PDT)
Received: from b1d6Goy.hf05x.hubspotemail.net (b1d6Goy.hf05x.hubspotemail.net) [158.247.18.144] by mx.google.com with ESMTPS id a796cd13be357-7dcd692f52x11809127185a.594.2025.07.14.22.54.53 for <hariharan@c-gmail.com> (version=TLS1_2 cipher=RCHE-TD0A-AES128-GCM-SHA256 bits=128/128); Mon, 14 Jul 2025 22:51:54 -0700 (PDT)
Received: by 172.16.52.38 with SMTP id a81kg3d81h16fuj5f5bsej8quxufhyz871sgt1ssrp; Tue, 15 Jul 2025 05:52:35 GMT
From: Yotta Data Services Pvt Ltd <marketing@yotta.com>
To: "hariharan4@gmail.com" <hariharan4@gmail.com>
Subject: ~?utf-8?B?U2lhcmlhcnRlc1BTR0X3Z2WjlsbG9uY2lgl3RhcnczIEhlcmkg4cCTEiI1ZQqW49?~
~?utf-8?B?50uagll1IIEyaXNoOGJyYW8=?~
Thread-Topic: ~?utf-8?B?U2lhcmlhcnRlc1BTR0X3Z2WjlsbG9uY2lgl3RhcnczIEhlcmkg4cCTEiI1ZQqW49?~
~?utf-8?B?50uagll1IIEyaXNoOGJyYW8=?~
Thread-Index: ATk1NDhuBpXaGtARDdLg6lnRQ0g==
X-MS-Exchange-MessageSentRepresentingType: 1
Date: Tue, 15 Jul 2025 05:52:35 +0000
Message-ID: <1752558670949.be92226b-f8b9-4460-9d5f-054d4f9c589b@f05x.hubspotemail.net>
List-Unsubscribe: <mailto:taxcxhvdgobuz53kuz2v6eio1oxz2nsyzf-hariharan@c-gmail.com@f05x.hubspotemail.net?subject=unsubscribe>, <https://hs-22434931.s.hubspotemail.net/subscription-preferences/v2/unsubscribe-all?data=W2h0b2hfY3JyWF5hW3GWeyy2KQr1W43WskY3mHGOOW156p19MTBhY2VhZG9FWW1hWVJmZm4uZ2VhbnRlR3Q3RkkgNkxP9w3FQwZmRmJkVW12dM6eCVPkV3z365S8P-H4W3NTZ26wvY2W326w23pR6gH47CjY8xSf-77pH46uKT4726uK9J30wTX303wmt-W3M1yy3X-4LH4W3FJ62uTK6uW1hRCL3Kd-6V2RbhYh4Q8a7W232K2CzWpLWJ1L58p45H5uW2Mpb-TM3yX0N9W2uZLT3R15RvW3gWfXV2Mm3F7W43Ph7V254DmRV349QK3z6LrW46vXT1Q4Wk7W4p3Ym3BMwv2W33YQy625p2R6W1Qh5SC483z6Rw3YX2a34FC1W25p2XF4cZLwW3gRqj3Lp3aW1_KG3E3R5G2wW2HPhJz3J-kdW1B1QFm1X06w9W3gvVj3SQ_3KW1_rv_449yKJ8W2Mfz72H_Lx8NW2i78z24fMprW213P4n2-g6wW3BWmX512zq6YVW4zGnF4M_JH4W4mY41LwpVZW3yZBz3257QW2FvS12dQKwW2X3OR91_9KcQW3QFHfnc3_ZXWW4zRw654thCcwGP7XNvO4>
Reply-To: "marketing@yotta.com" <marketing@yotta.com>
Content-Language: en-US
X-MS-Has-Attach:
X-Auto-Response-Suppress: All
X-MS-Exchange-Organization-SCL: -1
X-MS-TNEF-Correlator:
X-MS-Exchange-Organization-RecordReviewCfmType: 0
received-spf: pass (google.com: domain of taxbz18xd5mqmzf408mZxorsk6oekegh9mpz-hariharan@c-gmail.com@f05x.hubspotemail.net designates 158.247.18.144 as permitted sender) client-ip=158.247.18.144;
Content-Type: multipart/alternative; boundary="_000_1752558670949be92226bfb8944609d5054d4f9c589b05xhubsp_"
MIME-Version: 1.0

```
--_000_1752558670949be92226bf8b944609df5054df9c589bf05xhubsp_
Content-Type: text/plain; charset="utf-8"
Content-Transfer-Encoding: base64
```

lVvdhRtFyVxAtDed3lYwEd1DxodhRucvL2QyRnR5JA8L5uS5Sodk1zc09B6u3a3PuVz9T
 L08MyV9vysMTTH2D7G5dExMQDvL1d5JRu1xLkVhVzN8v1v2TJfJ3X2dG1LXa1e1Bq
 e7X0M9qdcR0F3d7X8u4dx2h6zX4v2K6FAD30XvA1v1r1z40H1Xv1v2v3v4v5v6v7v8v9v10v11v12v13v14v15v16v17v18v19v20v21v22v23v24v25v26v27v28v29v30v31v32v33v34v35v36v37v38v39v40v41v42v43v44v45v46v47v48v49v50v51v52v53v54v55v56v57v58v59v60v61v62v63v64v65v66v67v68v69v70v71v72v73v74v75v76v77v78v79v80v81v82v83v84v85v86v87v88v89v90v91v92v93v94v95v96v97v98v99v100v101v102v103v104v105v106v107v108v109v110v111v112v113v114v115v116v117v118v119v120v121v122v123v124v125v126v127v128v129v130v131v132v133v134v135v136v137v138v139v140v141v142v143v144v145v146v147v148v149v150v151v152v153v154v155v156v157v158v159v160v161v162v163v164v165v166v167v168v169v170v171v172v173v174v175v176v177v178v179v180v181v182v183v184v185v186v187v188v189v190v191v192v193v194v195v196v197v198v199v200v201v202v203v204v205v206v207v208v209v210v211v212v213v214v215v216v217v218v219v220v221v222v223v224v225v226v227v228v229v230v231v232v233v234v235v236v237v238v239v240v241v242v243v244v245v246v247v248v249v250v251v252v253v254v255v256v257v258v259v260v261v262v263v264v265v266v267v268v269v270v271v272v273v274v275v276v277v278v279v280v281v282v283v284v285v286v287v288v289v290v291v292v293v294v295v296v297v298v299v300v301v302v303v304v305v306v307v308v309v310v311v312v313v314v315v316v317v318v319v320v321v322v323v324v325v326v327v328v329v330v331v332v333v334v335v336v337v338v339v340v341v342v343v344v345v346v347v348v349v350v351v352v353v354v355v356v357v358v359v360v361v362v363v364v365v366v367v368v369v370v371v372v373v374v375v376v377v378v379v380v381v382v383v384v385v386v387v388v389v390v391v392v393v394v395v396v397v398v399v400v401v402v403v404v405v406v407v408v409v410v411v412v413v414v415v416v417v418v419v420v421v422v423v424v425v426v427v428v429v430v431v432v433v434v435v436v437v438v439v440v441v442v443v444v445v446v447v448v449v450v451v452v453v454v455v456v457v458v459v460v461v462v463v464v465v466v467v468v469v470v471v472v473v474v475v476v477v478v479v480v481v482v483v484v485v486v487v488v489v490v491v492v493v494v495v496v497v498v499v500v501v502v503v504v505v506v507v508v509v510v511v512v513v514v515v516v517v518v519v520v521v522v523v524v525v526v527v528v529v530v531v532v533v534v535v536v537v538v539v540v541v542v543v544v545v546v547v548v549v550v551v552v553v554v555v556v557v558v559v560v561v562v563v564v565v566v567v568v569v570v571v572v573v574v575v576v577v578v579v580v581v582v583v584v585v586v587v588v589v590v591v592v593v594v595v596v597v598v599v600v601v602v603v604v605v606v607v608v609v610v611v612v613v614v615v616v617v618v619v620v621v622v623v624v625v626v627v628v629v630v631v632v633v634v635v636v637v638v639v640v641v642v643v644v645v646v647v648v649v650v651v652v653v654v655v656v657v658v659v660v661v662v663v664v665v666v667v668v669v670v671v672v673v674v675v676v677v678v679v680v681v682v683v684v685v686v687v688v689v690v691v692v693v694v695v696v697v698v699v700v701v702v703v704v705v706v707v708v709v710v711v712v713v714v715v716v717v718v719v720v721v722v723v724v725v726v727v728v729v730v731v732v733v734v735v736v737v738v739v740v741v742v743v744v745v746v747v748v749v750v751v752v753v754v755v756v757v758v759v760v761v762v763v764v765v766v767v768v769v770v771v772v773v774v775v776v777v778v779v780v781v782v783v784v785v786v787v788v789v790v791v792v793v794v795v796v797v798v799v800v801v802v803v804v805v806v807v808v809v810v811v812v813v814v815v816v817v818v819v820v821v822v823v824v825v826v827v828v829v830v831v832v833v834v835v836v837v838v839v840v841v842v843v844v845v846v847v848v849v850v851v852v853v854v855v856v857v858v859v860v861v862v863v864v865v866v867v868v869v870v871v872v873v874v875v876v877v878v879v880v881v882v883v884v885v886v887v888v889v890v891v892v893v894v895v896v897v898v899v900v901v902v903v904v905v906v907v908v909v910v911v912v913v914v915v916v917v918v919v920v921v922v923v924v925v926v927v928v929v930v931v932v933v934v935v936v937v938v939v940v941v942v943v944v945v946v947v948v949v950v951v952v953v954v955v956v957v958v959v960v961v962v963v964v965v966v967v968v969v970v971v972v973v974v975v976v977v978v979v980v981v982v983v984v985v986v987v988v989v990v991v992v993v994v995v996v997v998v999v1000v1001v1002v1003v1004v1005v1

[illegible]

```
-- 000 1752558670949be92226bf8b944609df5054df4f9c580bf05xhubsp --
```

Step 4: Identify Suspicious Links or Attachments

- Check if the email contains links or attachments (PDFs, ZIPs, EXEs, etc.).
 - Do not click — hover over the link to inspect the real URL.
 - For attachments, check file type and avoid opening unless in a safe virtual machine or sandbox.
- > But I Didn't Have any attached phishing link and Attached an Normal Link :-
<https://drishticam.ai/>

Step 5: Look for Urgent or Threatening Language

- Phishing emails often use psychological pressure tactics.
- Examples include:
 - * Your account will be suspended!"
 - * Act now or lose access!
 - * We've detected suspicious activity!

Step 6: Check for Mismatched URLs

- Hover over hyperlinks and compare them to the visible text.
- If the visible link says <https://bank.com> but the hover reveals <http://malicious.com/redirect>, it's suspicious

Step 7: Verify Grammar and Spelling

- Phishing emails often contain:
 - * Misspelled words
 - * Awkward grammar
 - * Unprofessional formatting
 - * Compare with official communication from the alleged organization.

Step 8: Summarize Phishing Traits

- List all the indicators you observed, for example:
 - * Sender spoofing
 - * SPF failure in headers
 - * Suspicious link: <https://drishticam.ai/>
 - * Urgent tone: "Final Warning!"
 - * Poor grammar

Conclusion:-

You should now be able to confidently detect phishing characteristics, understand common red flags, and enhance your email threat analysis skills.