



# Dutch National Bank - Good practices for managing outsourcing risks (financial institutions)

## Google Workspace Mapping

This document is designed to help financial institutions (“**regulated entities**”) supervised by the Dutch National Bank (“**DNB**”) to consider the [Good practices for managing outsourcing risks](#) (the “**framework**”) in the context of Google Workspace and the Google Cloud Financial Services Contract.

We focus on sections 3 - 11 of the framework. For each paragraph, we provide commentary to help you understand how you can address the requirements using the Google Cloud services and the Google Workspace and the Google Cloud Financial Services Contract.

#	Framework reference	Google Cloud commentary	Google Cloud Financial Services Contract reference
<b>DNB – Good Practices for managing outsourcing risks</b>			
<b>Section 3 (Regulatory requirements)</b>			
1.	Outsourcing of activities to a service provider may not impede supervision of a financial institution. The institution is required to inform the supervisory authority about all material activities outsourced to service providers. All financial institutions are required to inform DNB about initiatives in the area of cloud computing, regardless of the materiality of said activities. Institutions are required to provide this information to DNB in time, in order to allow us to examine whether an institution's intended outsourcing meets with prudential objections, and to take the appropriate action if necessary. DNB keeps a register of all current outsourcing contracts to cloud services providers. Financial institutions are also required to adequately manage the risks associated with outsourcing to subcontractors.	<p>Google recognizes that using our Services should not impair a regulated entity's ability to oversee compliance with applicable laws and regulations as well as a regulated entity's internal policies. We will provide regulated entities with the assistance they need to review our Services.</p> <p>Nothing in our contract is intended to limit or impede a regulated entity's or the supervisory authority's ability to audit our services effectively.</p> <p>Google recognizes that regulated entities need to consider the risks associated with subcontracting. To enable regulated entities to retain oversight of any sub-outsourcing and provide choices about the services the regulated entities use, Google will:</p> <ul style="list-style-type: none"> <li>• provide information about our subcontractors;</li> <li>• provide advance notice of changes to our subcontractors; and</li> <li>• give the regulated entities the ability to terminate if they have concerns about a new subcontractor.</li> </ul> <p>Google recognizes that subcontracting must not reduce the regulated entity's ability to oversee the service or the supervisory authority's ability to supervise the regulated entity. To preserve this, Google will ensure our subcontractors comply with the information, access and audit rights we provide to regulated entities and supervisory authorities.</p>	<p>Enabling Customer Compliance</p> <p>Google Subcontractors</p>
2.	The outsourcing agreement must include a clause to the effect that supervisory authorities have the right to examine and are given direct access to relevant data and offices if necessary.	<p>Google grants audit, access and information rights to supervisory authorities. This includes access to Google's data and premises used to provide the Services to conduct an on-site audit.</p> <p>You may access your data on the services at any time. Regulated entities may provide their supervisory authority with access.</p>	Regulator Information, Audit and Access
<b>Section 4 (Selection of service providers)</b>			



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3.	<p>The selection of service providers is preceded by a risk assessment including concentration and legal risks, a due diligence investigation of the provider and the approval of the management board of the institution. The institution must consider the risks and the necessary mitigating measures associated with different scenarios, e.g. one where the external service provider is temporarily or permanently incapable of delivering the services agreed. If financial institutions decide to outsource activities outside the EEA, they should pay extra attention to data protection and effective supervision.</p>	<p>Google recognizes that you need to conduct due diligence and perform a risk assessment before deciding to use our services. To assist you, we've provided information for each of the areas you need to consider below:</p> <ul style="list-style-type: none"> <li>• Google Cloud has been providing cloud services for over 10 years, assisting customers across the globe in the financial services, healthcare &amp; life science, retail and public sectors to name a few.</li> <li>• Google Cloud has been named as a leader in several reports by third party industry analysts. You can read these on our <a href="#">Analyst Reports</a> page.</li> <li>• Information about our referenceable customers (including in the financial services sector) is available on our <a href="#">Google Workspace Cloud Customer</a> page.</li> <li>• In addition, our <a href="#">Financial Services Cloud Blog</a> and <a href="#">Financial Services solutions page</a> explains how financial services institutions can and are using Google Cloud to help drive business transformation to support data-driven innovation, customer expectations, and security &amp; compliance.</li> </ul> <p><u>Concentration risk</u></p> <p>Google recognizes the importance of continuity for regulated entities and for this reason we are committed to data portability and open-source. Refer to our <a href="#">Engaging in a European dialogue on customer controls and open cloud solutions blog post</a> and our <a href="#">Open Cloud page</a> for more information on how Google's approach to open source can help you address vendor lock-in and concentration risk.</p> <p>To manage concentration risk, you can choose to use Anthos to build, deploy and optimize your applications in both cloud and on-premises environments. Anthos provides a platform to develop, secure and manage applications across hybrid and multi-cloud environments. For more information, refer to the <a href="#">IDC Whitepaper on How A Multicloud Strategy Can Help Regulated Organizations Mitigate Risks In Cloud</a>.</p> <p><u>Exit planning</u></p> <p>Google recognizes that regulated entities need sufficient time to exit our services (including to transfer services to another service provider). To help regulated entities achieve this, upon request, Google will continue to provide the services for 12 months beyond the expiry or termination of the contract.</p>	<p>Data Export (<a href="#">Cloud Data Processing Addendum</a>)</p> <p>Data Transfers (<a href="#">Cloud Data Processing Addendum</a>)</p> <p>Data Security; Subprocessors (<a href="#">Cloud Data Processing Addendum</a>)</p> <p>Data Location (<a href="#">Cloud Data Processing Addendum</a>)</p>



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		<p>Google will enable you to access and export your data throughout the duration of our contract and the transition term. More information is available on our <a href="#">Google Account help</a> page. In addition, <a href="#">Data Export</a> is a feature that makes it easy to export and download a copy of your data securely from our Services.</p> <p>Refer to Rows 8 and 9 for information about transition and exit planning.</p> <p><u>Location of services</u></p> <p>To provide you with a fast, reliable, robust and resilient service, Google may store and process your data where Google or its subprocessors maintain facilities.</p> <ul style="list-style-type: none"> <li>• Information about the location of Google’s facilities is available <a href="#">here</a>.</li> <li>• Information about the location of Google’s subprocessors’ facilities is available <a href="#">here</a>.</li> </ul> <p>Google provides the same contractual commitments and technical and organizational measures for your data regardless of the country / region where it is located. In particular:</p> <ul style="list-style-type: none"> <li>• The same robust security measures apply to all Google facilities, regardless of country / region.</li> <li>• Google makes the same commitments about all its subprocessors, regardless of country / region.</li> </ul> <p>Google provides you with choices about where to store your data. Once you choose where to store your data, Google will not store it outside your chosen region(s).</p> <p>You can also choose to use tools provided by Google to enforce data location requirements. For more information, see our <a href="#">Trusting your data with G Suite whitepaper</a>.</p>	
<b>Section 5 (Review of service provider)</b>			
4.	During the term of the agreement, financial institutions are required to review the service provider at regular intervals. These reviews must include evaluations of changes at the service provider, e.g. a major change in the ownership structure, the strategy, or the profitability of the service provider. The financial institution must be aware of material	<p><u>Service levels</u></p> <p>You can monitor Google’s performance of the Services (including the SLAs) on an ongoing basis using the functionality of the Services.</p>	Ongoing Performance Monitoring



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	developments at the service provider impacting the degree to which the latter complies with its commitments towards its ordering customers.	<p>For example:</p> <ul style="list-style-type: none"><li>• The <a href="#">Status Dashboard</a> provides status information on the Services.</li><li>• <a href="#">Admin Console Reports</a> allow you to examine potential security risks, measure user collaboration, track who signs in and when, analyze administrator activity, and much more.</li><li>• <a href="#">Access Transparency</a> is a feature that enables you to review logs of actions taken by Google personnel regarding your user content. Log entries include: the affected resource, the time of action, the reason for the action (e.g. the case number associated with the support request); and data about who is acting on data (e.g. the Google personnel's location).</li></ul> <p><u>Reporting</u></p> <p>Google will make information about developments that materially impact Google's ability to perform the Services in accordance with the SLAs available to you. More information is available on our <a href="#">Status Dashboard</a> page.</p> <p>In addition, Google will notify you of data incidents promptly and without undue delay. More information on Google's data incident response process is available in our <a href="#">Data incident response whitepaper</a>.</p> <p><u>Change of Control</u></p> <p>Google will provide advance notice to you if it experiences a relevant change in control.</p> <p><u>Financial Health</u></p> <p>You can review Google's corporate and financial information on <a href="#">Alphabet's Investor Relations</a> page. This provides information about our mission, business model and strategy.</p>	<p>Significant developments</p> <p>Data Incidents (<a href="#">Cloud Data Processing Addendum</a>)</p> <p>Change of Control</p>



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5.	It is important that financial institutions foster key competences within their own organisation. This enables them to instruct and audit the service provider adequately, and to take direct control of the outsourced activity in a worst-case scenario. The outsourcing institution appoints organisational units or individuals responsible for auditing and managing all outsourced activities.	<p>You operate the services independently without action by Google personnel. You decide which services to use, how to use them and for what purpose. Therefore you stay in control of the relevant activities.</p> <p>Google provides documentation to explain how customers and their employees can use our services. If a customer would like more guided training, Google also provides a variety of courses and certifications.</p> <p>Refer to Row 6 for information about what a cloud transformation means for risk, compliance, and audit functions.</p>	Instructions
<b>Section 6 (Management information)</b>			
6.	Outsourcing may not hamper the institution's management in managing and monitoring its activities. The financial institution must therefore monitor the operational and concentration risks accompanying outsourcing of activities. Its risk management function must compile and report management information at least once a quarter.	<p><b>Monitoring</b></p> <p>You can monitor Google's performance of the Services (including the SLAs) on an ongoing basis using the functionality of the Services.</p> <p>For example:</p> <ul style="list-style-type: none"> <li>• The <a href="#">Status Dashboard</a> provides status information on the Services.</li> <li>• <a href="#">Admin Console Reports</a> allow you to examine potential security risks, measure user collaboration, track who signs in and when, analyze administrator activity, and much more.</li> <li>• <a href="#">Access Transparency</a> is a feature that enables you to review logs of actions taken by Google personnel regarding your user content. Log entries include: the affected resource, the time of action, the reason for the action (e.g. the case number associated with the support request); and data about who is acting on data (e.g. the Google personnel's location).</li> </ul> <p>In addition, our <a href="#">Risk and Compliance as Code (RCaC) Solution</a> stack enables compliance and security control automation through a combination of Google Cloud Products, Blueprints, Partner Integrations, workshops and services to simplify and accelerate time to value.</p>	Ongoing Performance Monitoring



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		<p>Through the RCaC solution, customers can introduce automation via IaC (Infrastructure as Code) and PaC (Policy as Code) in the form of blueprints. This lays the foundation of preventative controls.</p> <p>The next level of maturity is detection as code which involves monitoring for (security and compliance) drifts and applying remediations when an out-of-compliance infrastructure is identified. This forms a continuous monitoring loop that helps prevent misconfigurations.</p> <p><u>Management</u></p> <p>Our <a href="#">Risk Governance of Digital Transformation in the Cloud</a> whitepaper can help you understand what a cloud transformation means for risk, compliance, and audit functions, and how to best position those programs for success in the cloud world.</p> <p>The mechanisms used to secure and control cloud technologies can be substantially different to those used for on-premise technologies.</p> <p>Given that, it is important that your organization's control functions re-evaluate relevant key controls: even if the objectives behind existing controls are still valid, the specifics of the control, and the approach to managing it, will often need to evolve in order that the original control objective is still met in a cloud environment.</p> <p>In fact, using cloud native controls instead of relying on existing controls will often produce better outcomes because they are designed with cloud in mind.</p> <p>Refer to our <a href="#">Board of Directors Handbook for Cloud Risk Governance</a> and <a href="#">Risk Governance of Digital Transformation in the Cloud</a> whitepaper for more information, including about how control design and ownership evolves in the cloud.</p>	
7.	This management information should enable the institution's senior management to control effectively the risks associated with all outsourced activities.	See above	N/A
<b>Section 7 (Quality of the agreement)</b>			
8.	All outsourcing to third parties must be documented in a written agreement. This agreement must include a clear description of the activity to be outsourced. It must also	The rights and responsibilities of the parties are set out in the Google Cloud Financial Services Contract.	



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	specify the reporting requirements of the service provider. When outsourcing material activities, the financial institution must include in the agreement a clause that provides for termination and cancellation of the agreement. This enables the financial institution to contract out activities to another service provider, or to accommodate these services in-house.	<p><u>Service description</u></p> <p>The Google Workspace services are described on our <a href="#">services summary</a> page.</p> <p><u>Reporting</u></p> <p>Google will make information about developments that materially impact Google's ability to perform the Services in accordance with the SLAs available to you. More information is available on our <a href="#">Status Dashboard</a> page.</p> <p>In addition, Google will notify you of data incidents promptly and without undue delay. More information on Google's data incident response process is available in our <a href="#">Data incident response whitepaper</a>.</p> <p><u>Termination</u></p> <p>Regulated entities can terminate our contract with advance notice for Google's material breach after a cure period, change of control and Google's insolvency.</p> <p>In addition, regulated entities can elect to terminate our contract for convenience with advance notice, including if necessary to comply with law or if directed by a supervisory authority.</p> <p>Google recognizes that regulated entities need sufficient time to exit our services (including to transfer services to another service provider). To help regulated entities achieve this, upon request, Google will continue to provide the services for 12 months beyond the expiry or termination of the contract.</p>	<p>Definitions</p> <p>Significant Developments</p> <p>Data Incidents (<a href="#">Cloud Data Processing Addendum</a>)</p> <p>Term and Termination</p> <p>Transition Term</p>
<b>Section 8 (Business continuity management)</b>			
9.	Outsourced material activities are part of the institution's business continuity management. This entails that continuity measures must be taken, both at the service provider and at the financial institution, including exit planning, possibly in a joint effort with other financial institutions. This also involves periodic verification of continuity measures, where necessary with the service provider's active involvement.	<p><u>Business continuity management</u></p> <p>Google recognizes that resilience is a key focus for regulated entities and supervisory authorities. Our <a href="#">Strengthening operational resilience in financial services by migrating to Google Cloud</a> whitepaper discusses the continuing importance of operational resilience to the financial services sector, and the role that a well-executed migration to Google</p>	Business Continuity and Disaster Recovery





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		<p>Cloud can play in strengthening it.</p> <p>Google will implement a business continuity plan for the Services, review and test it at least annually and ensure it remains current with industry standards.</p> <p>Refer to our "<a href="#">Architecting disaster recovery for cloud infrastructure outages</a>" article for information about how Google Cloud is architected to minimize the frequency and scope of outages as well as an architecture planning guide that provides a framework for categorizing and designing applications based on the desired reliability outcomes.</p> <p>In addition, information about how customers can use our Services in their own business contingency planning is available in our <a href="#">Disaster Recovery Planning Guide</a>.</p> <p><u>Exit planning</u></p> <p>We recognize that, whatever the level of technical resilience that can be achieved on GCP, regulated entities must plan for the scenario in which Google can no longer provide the service.</p> <p>We support such exit plans through:</p> <ul style="list-style-type: none"><li>• Commitment to Open Source: many of our products and services are available in Open Source versions, meaning that they can be run on other Cloud providers or on-premise.</li><li>• Commitment to common standards: our platform supports common standards for hosting applications in virtual machines or containers, which can be replicated by alternative services on other Cloud providers or on-premise.</li><li>• Anthos multi-Cloud management: our multi-Cloud management product, <a href="#">Anthos</a>, allows customers to run and manage an increasing range of services in the same way as on GCP across other Cloud providers or on-premise.</li></ul> <p>Refer to our <a href="#">Engaging in a European dialogue on customer controls and open cloud solutions blog post</a> and our <a href="#">Open Cloud page</a> for more information on our commitment to open source and common standards.</p>	Data Export ( <a href="#">Cloud Data Processing Addendum</a> )
Section 9 (Critical data)			





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10.	<p>If the financial institution has rules in place relating to confidentiality of specific data, the service provider must guarantee the confidentiality of data at at least the same level. The institution must include the protection of critical data in its risk assessment. Agreements governing outsourcing must also include clauses pertaining to data protection. Financial institutions must also monitor the service provider's access to critical data, e.g. with the help of security logs or other monitoring instruments.</p>	<p><u>Confidentiality of data</u></p> <p>The confidentiality and integrity of data and systems when using a cloud service consists of two key elements:</p> <p>The security of a cloud service consists of two key elements:</p> <p><u>(1) Security of Google's infrastructure</u></p> <p>Google manages the security of our infrastructure. This is the security of the hardware, software, networking and facilities that support the Services.</p> <p>Given the one-to-many nature of our service, Google provides the same robust security for all our customers.</p> <p>Google provides detailed information to customers about our security practices so that customers can understand them and consider them as part of their own risk analysis.</p> <p>More information is available at:</p> <ul style="list-style-type: none"> <li>• Our <a href="#">infrastructure security</a> page</li> <li>• Our <a href="#">security whitepaper</a></li> <li>• Our <a href="#">cloud-native security whitepaper</a></li> <li>• Our <a href="#">infrastructure security design overview</a> page</li> <li>• Our <a href="#">security resources</a> page</li> </ul> <p>In addition, you can review Google's <a href="#">SOC 2 report</a>.</p> <p><u>(2) Security of your data and applications in the cloud</u></p> <p>You define the security of your data and applications in the cloud. This refers to the security measures that you choose to implement and operate when you use the Services.</p> <p><u>(a) Security by default</u></p> <p>Although we want to offer you as much choice as possible when it comes to your data, the security of your data is of paramount importance to Google and we take the</p>	<p>Confidentiality</p> <p>Data Security; Security Measures (<a href="#">Cloud Data Processing Addendum</a>)</p>



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		<p>following proactive steps to assist you:</p> <ul style="list-style-type: none"><li>• <b>Encryption at rest.</b> Google encrypts customer data stored at rest by default, with no additional action required from you. More information is available at: <a href="https://cloud.google.com/security/encryption-at-rest/default-encryption">https://cloud.google.com/security/encryption-at-rest/default-encryption</a>.</li><li>• <b>Encryption in transit.</b> Google encrypts and authenticates all data in transit at one or more network layers when data moves outside physical boundaries not controlled by Google or on behalf of Google. More information is available at <a href="https://cloud.google.com/security/encryption-in-transit">https://cloud.google.com/security/encryption-in-transit</a>.</li></ul> <p>(b) <u>Security products</u></p> <p>In addition to the other tools and practices available to you outside Google, you can choose to use tools provided by Google to enhance and monitor the security of your data. Information on Google's security products is available on our <a href="#">Cloud Security Products</a> page.</p> <p>(c) <u>Security resources</u></p> <p>Google also publishes guidance on:</p> <ul style="list-style-type: none"><li>• <a href="#">Security best practice</a></li><li>• <a href="#">Security use cases</a></li></ul> <p><u>Access Management</u></p> <p>In addition to the other tools and practices available to you outside Google, you can choose to use tools provided by Google to enhance and monitor the security of your data. Information on Google's security products is available <a href="#">here</a>.</p> <p>Here are some examples:</p> <ul style="list-style-type: none"><li>• <a href="#">Alert Center</a> provides real-time actionable alerts and security insights about activity in your Google Workspace domain.</li></ul>	



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		<ul style="list-style-type: none"> <li>• <a href="#">Cloud Identity</a> is a unified identity, access app, and endpoint management (IAM/EMM) platform that helps IT and security teams maximize end-user efficiency and protect your organization's data.</li> <li>• <a href="#">Security Center</a> provides actionable security insights for Google Workspace to help protect your organisation.</li> </ul>	
<b>Section 10 (Service level reports)</b>			
11.	The financial institution must verify that the outsourced activities continue to comply with the performance and quality standards prevailing for internal execution of activities. The financial institution continuously monitors and assesses the adequacy of the services provided, in order to enable prompt recovery measures if necessary. These assessment must be based on a combination of quantitative and qualitative key performance indicators and on recent operational data provided by the service provider.	<p>The SLAs provide measurable performance standards for the services and are available on our <a href="#">Google Workspace Service Level Agreement</a> page.</p> <p>You can monitor Google's performance of the Services (including the SLAs) on an ongoing basis using the functionality of the Services.</p> <p>For example:</p> <ul style="list-style-type: none"> <li>• The <a href="#">Status Dashboard</a> provides status information on the Services.</li> <li>• <a href="#">Admin Console Reports</a> allow you to examine potential security risks, measure user collaboration, track who signs in and when, analyze administrator activity, and much more.</li> <li>• <a href="#">Access Transparency</a> is a feature that enables you to review logs of actions taken by Google personnel regarding your user content. Log entries include: the affected resource, the time of action, the reason for the action (e.g. the case number associated with the support request); and data about who is acting on data (e.g. the Google personnel's location).</li> </ul>	<p>Services</p> <p>Ongoing Performance Monitoring</p>
<b>Section 11 (Assurance reports)</b>			
12.	The outsourcing agreement must include the obligation for the service provider to provide assurance reports about its internal control framework at regular intervals. This can be done by means of an audit to be performed at the service provider on behalf of the financial institution. Or the service provider can provide an assurance report certified by an independent assurance provider. We expect outsourced activities to also fall within the scope of an institution's internal audit function.	<p>Google recognizes that you expect independent verification of our security, privacy and compliance controls. Google undergoes several independent third-party audits on a regular basis to provide this assurance. Google commits to comply with the following key international standards during the term of our contract with you:</p> <ul style="list-style-type: none"> <li>• <a href="#">ISO/IEC 27001:2013 (Information Security Management Systems)</a></li> </ul>	Certifications and Audit Reports



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		<ul style="list-style-type: none"><li>• <a href="#">ISO/IEC 27017:2015 (Cloud Security)</a></li><li>• <a href="#">ISO/IEC 27018:2014 (Cloud Privacy)</a></li><li>• <a href="#">SOC 1</a></li><li>• <a href="#">SOC 2</a></li><li>• <a href="#">SOC 3</a></li></ul> <p>You can review Google's current <a href="#">certifications and audit reports</a> at any time. <a href="#">Compliance reports manager</a> provides you with easy, on-demand access to these critical compliance resources.</p>	