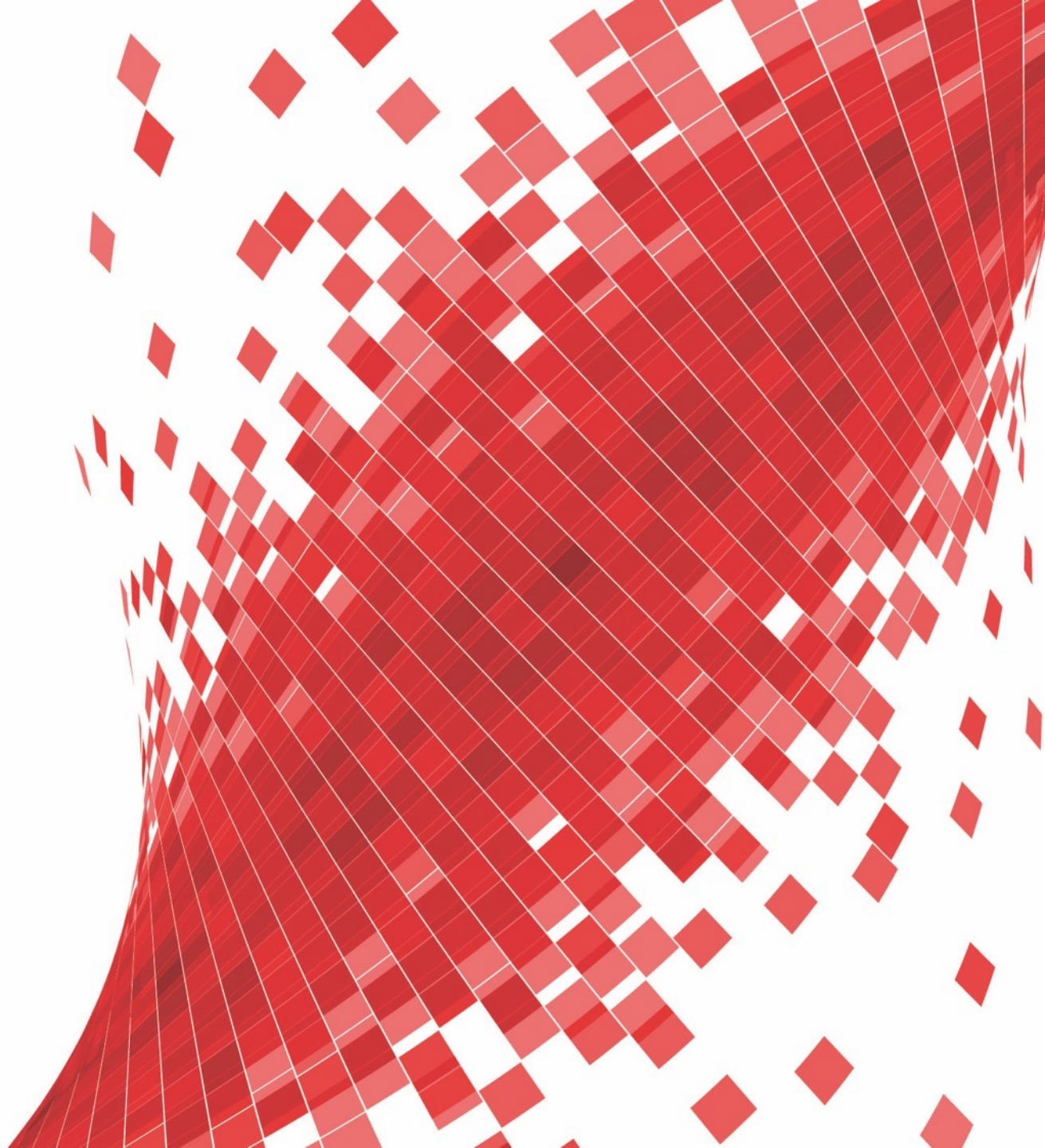
DATABASE MANAGEMENT

C4 Data Integrity Services

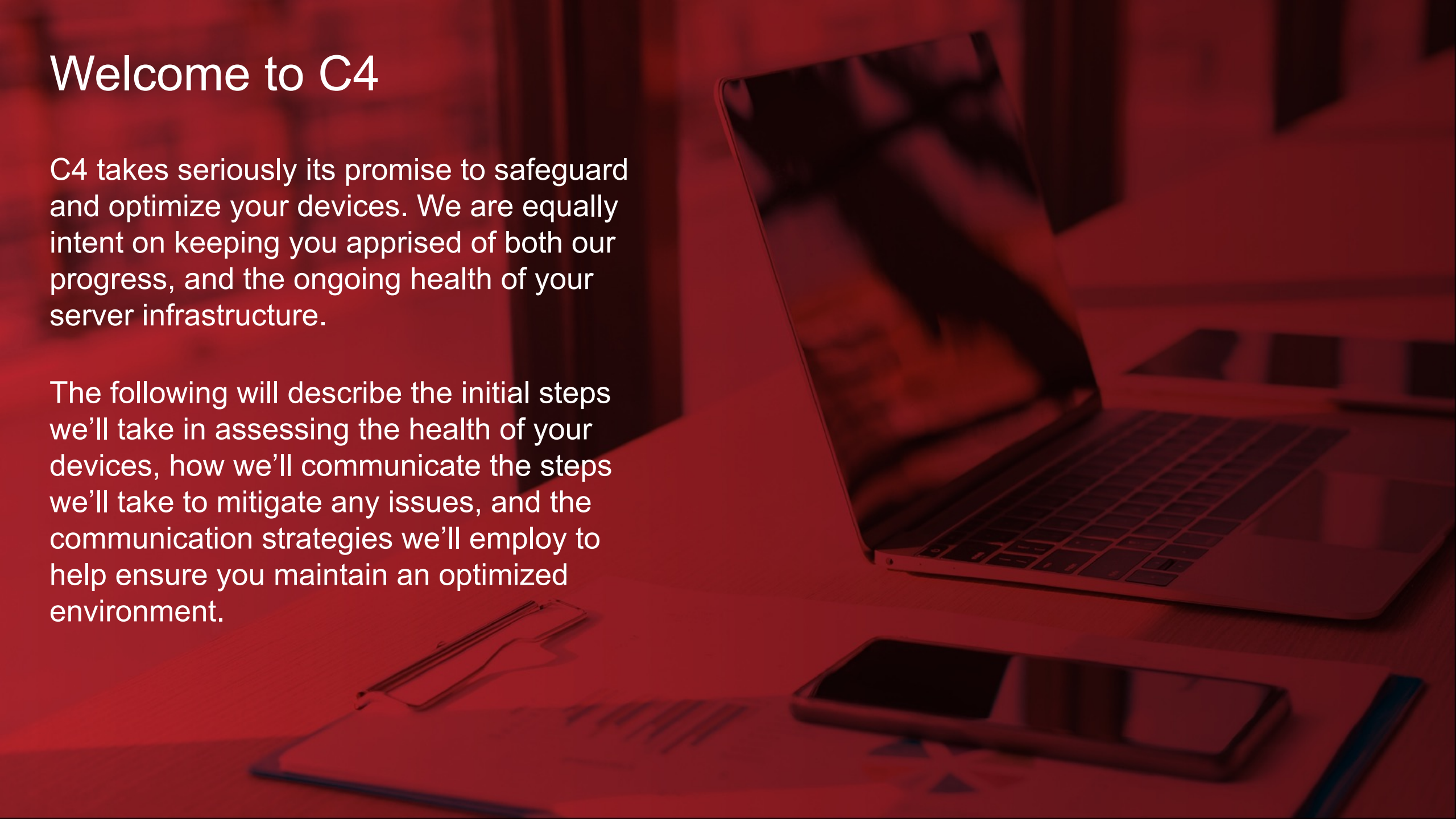
Optimizing infrastructure with transparency and accountability



Welcome to C4

C4 takes seriously its promise to safeguard and optimize your devices. We are equally intent on keeping you apprised of both our progress, and the ongoing health of your server infrastructure.

The following will describe the initial steps we'll take in assessing the health of your devices, how we'll communicate the steps we'll take to mitigate any issues, and the communication strategies we'll employ to help ensure you maintain an optimized environment.



Initial Assessment

An initial assessment of your requested SQL server(s) and databases will provide in-depth information on device aspects ranging from overall health, memory and disc space, to SQL jobs status and database growth. Based on this information, C4 will create a roadmap to help you mitigate any issues, and help ensure that your infrastructure is optimized to meet your short- and long-term business goals.

Assessment Reports

Post assessment, you will receive the following reports on the health of all requested SQL server(s) and databases.

Database detail report

Provides in-depth information on every database on server, including indexes, statistics, and stored procedures.

Maintenance plan report

This graphical report shows how frequently databases are backed up, and when backups are deleted. It also contains the SQL jobs information.

Routine health report

Displays database size in relation to other databases on that server, as well as memory, disk space, etc. This report is very helpful in building your roadmap.

SQL jobs (server agent) report

Shows what maintenance occurs and how it's working. It shows jobs that have failed and presents a clear visual record of what is and is not working.

Server detail report

Provides detailed information on the database server, as opposed to database details.

These reports will play a critical role in developing your mitigation, growth, and maintenance roadmap.

Ongoing Assessments

Once your roadmap has been established and initiated, C4 will conduct ongoing assessments to determine the impact of the roadmap on your SQL servers and databases. This will display the improvements (and there *will be* improvements) within your infrastructure.

Monthly Reports

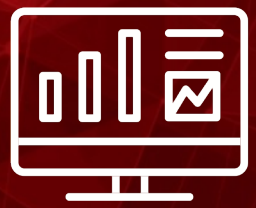
Each month you'll receive reports on the continuing health of both servers and databases. These will include:

Device activity

This report shows the duration of time C4 has worked on all managed computers by task.

Device health

Displays overall health of the machines under C4 management.



Executive summary

- *Asset management* – Represents capability of the network to perform to standards, including warranty status, disk capacity, and memory capacity.
- *Monitoring* – Rates open monitoring alerts for the network.

The summary also includes a list of regularly scheduled, automated proactive maintenance on the network.

Weekly Reports

In addition to the monthly reports, we run and make available the following weekly reports:

Database summary

Each Saturday morning, we run a **database summary** breakdown of the growth of each database on every server. This can be very helpful in identifying potential issues.

Weekly job report

We also run **weekly job reports** which catalogs SQL server jobs and can tell you if the jobs are working, or failing.

Optimizing Your Business Is Ours

You need the full power of your tools in order to thrive. On this note, we can provide ad hoc or real-time reports and also set up custom alerts as needed. C4 looks forward to working with you to assess, remediate any issues, and continually maintain and even optimize your servers and databases.

Keeping you informed regarding our progress is a critical part of our mission.

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