PREFACE

We developed the RONIN platform in an effort to lower the bar of entry to scientific and cloud computing by simplifying the way cloud resources are procured, configured and consumed. By providing complex IT services simplified for the user, RONIN empowers staff and organizations to get on with the task at hand, whether it be research, monitoring usage, controlling spend or launching virtual machines.

By developing an intuitive and streamlined user interface that is deeply integrated with a selected set of industry leading tools, RONIN delivers a powerful new method for consuming and managing cloud services for organizations of any scale.

Our goal - "To enable users to focus on outcomes, not the tools used to achieve them".

Of course, with such grand pursuits, it's critical we have the tools and controls in place to ensure we're not creating more problems than we solve.

This is why RONIN has enterprise grade management tools and best practices baked into all services and resources it makes available. We give organizations the ability to set and enforce both security and user policies across multiple cloud resources from a central console.

Right! It is now easy to use and easy to manage. What's next?

We observe, learn, refine and repeat.

The RONIN platform also deploys detailed reporting, business intelligence and management information capabilities that go well beyond the tools provided by most cloud service providers. It is through this information we give organizations the ability to derive otherwise invisible insights from their organization and research disciplines to better optimize both performance and costs.
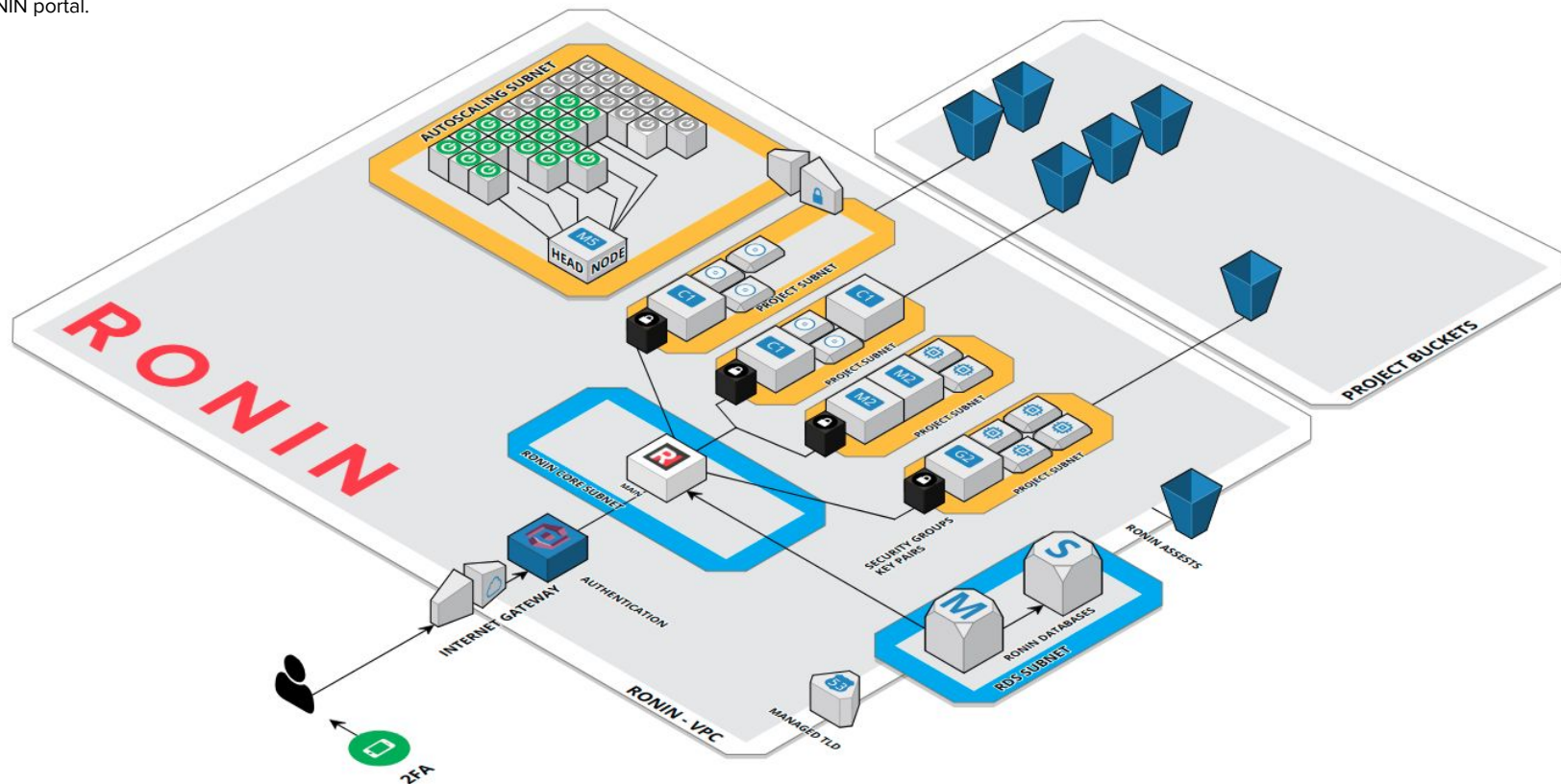
Today's working environment

Whilst consulting within large organizations, it was apparent that an overwhelming theme to the stresses and concerns of staff centred around technical hurdles and assumed knowledge of the tools available. This reality costs organizations and users serious time and money.

Not only do your users have the responsibility of their task at hand, they are often thrust into roles such as system administrator, network engineer and storage manager in order to enter the world of cloud computing.
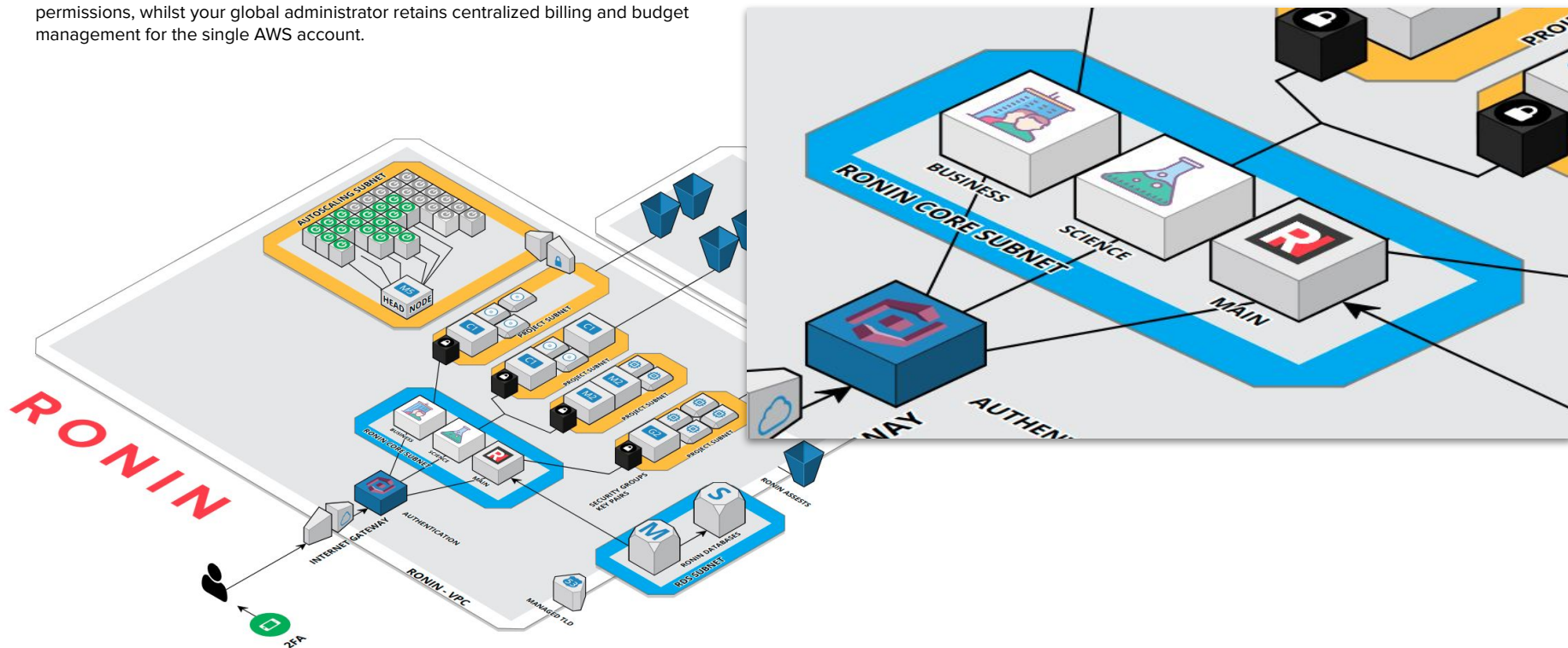
ONE RONIN, TO ONE AWS ACCOUNT

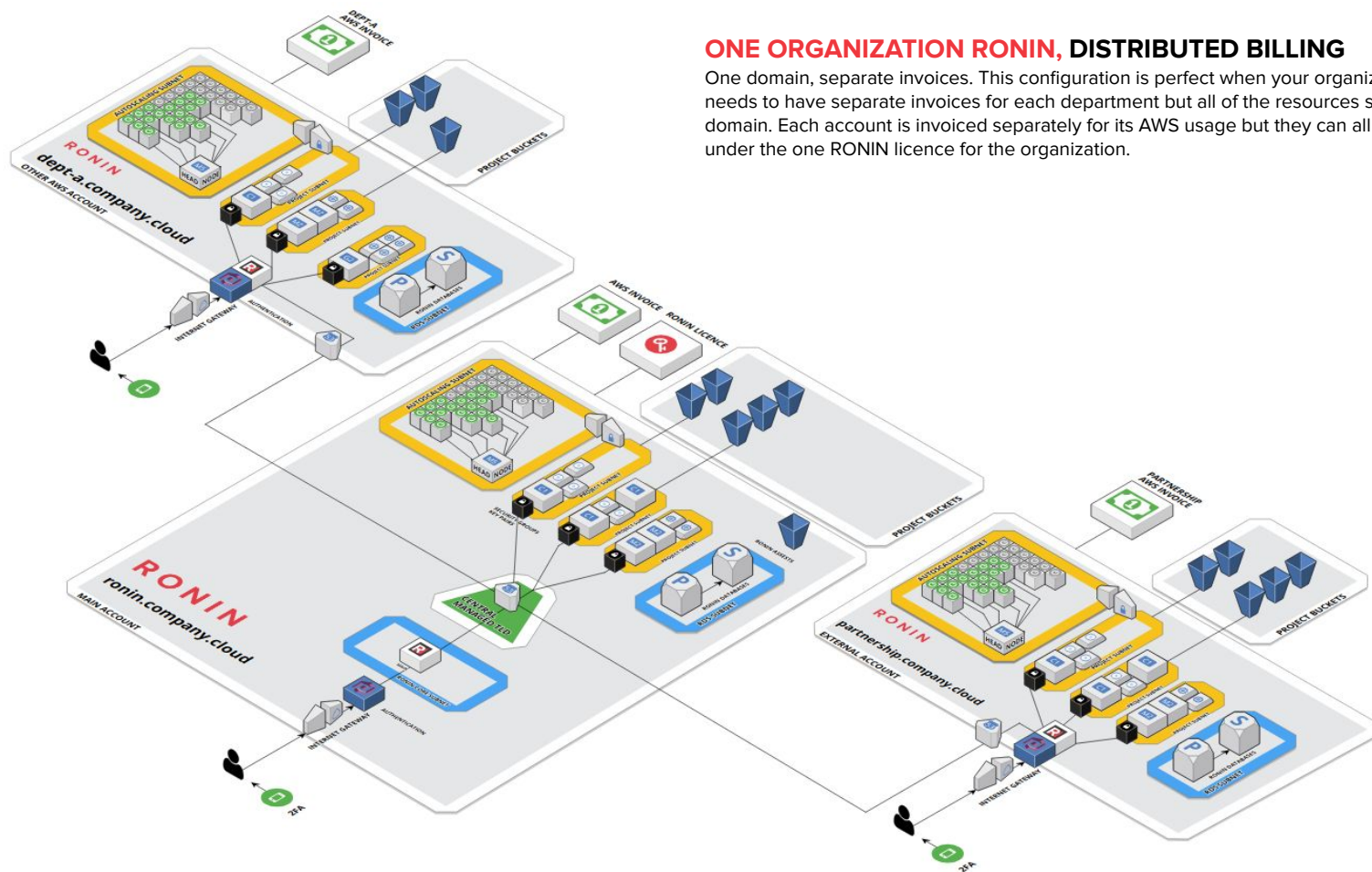This configuration is our standard deployment. Your organization can have multiple users from different departments using the same RONIN portal.

RONIN

AUTOSCALING SUBNET

MS
HEAD NODE

PROJECT SUBNET

PROJECT SUBNET

PROJECT SUBNET

PROJECT SUBNET

PROJECT BUCKETS

RONIN CORE SUBNET

MAIN

SECURITY GROUPS
KEY PAIRS

RONIN ASSESTS

INTERNET GATEWAY

AUTHENTICATION

RONIN DATABACES

RDS SUBNET

RONIN - VPC

MANAGED TLD

2FA

MANY RONIN, FOR ONE AWS ACCOUNT

RONIN can be configured to allow your organization to purchase "Sub-Ronin Servers" providing a customized experience for each department with their own branding and permissions, whilst your global administrator retains centralized billing and budget management for the single AWS account.
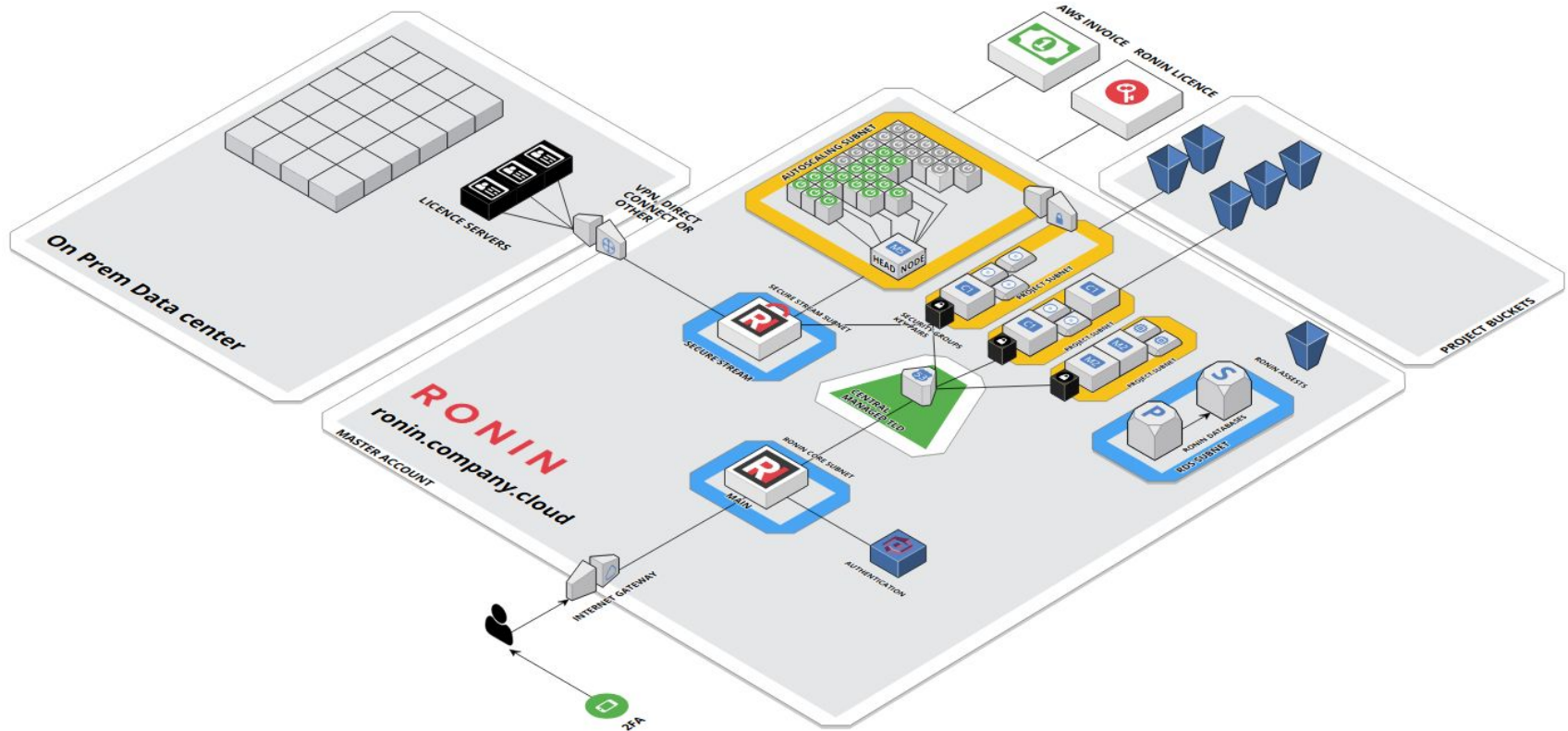
ONE ORGANIZATION RONIN, DISTRIBUTED BILLING

One domain, separate invoices. This configuration is perfect when your organization needs to have separate invoices for each department but all of the resources share a domain. Each account is invoiced separately for its AWS usage but they can all sit under the one RONIN licence for the organization.
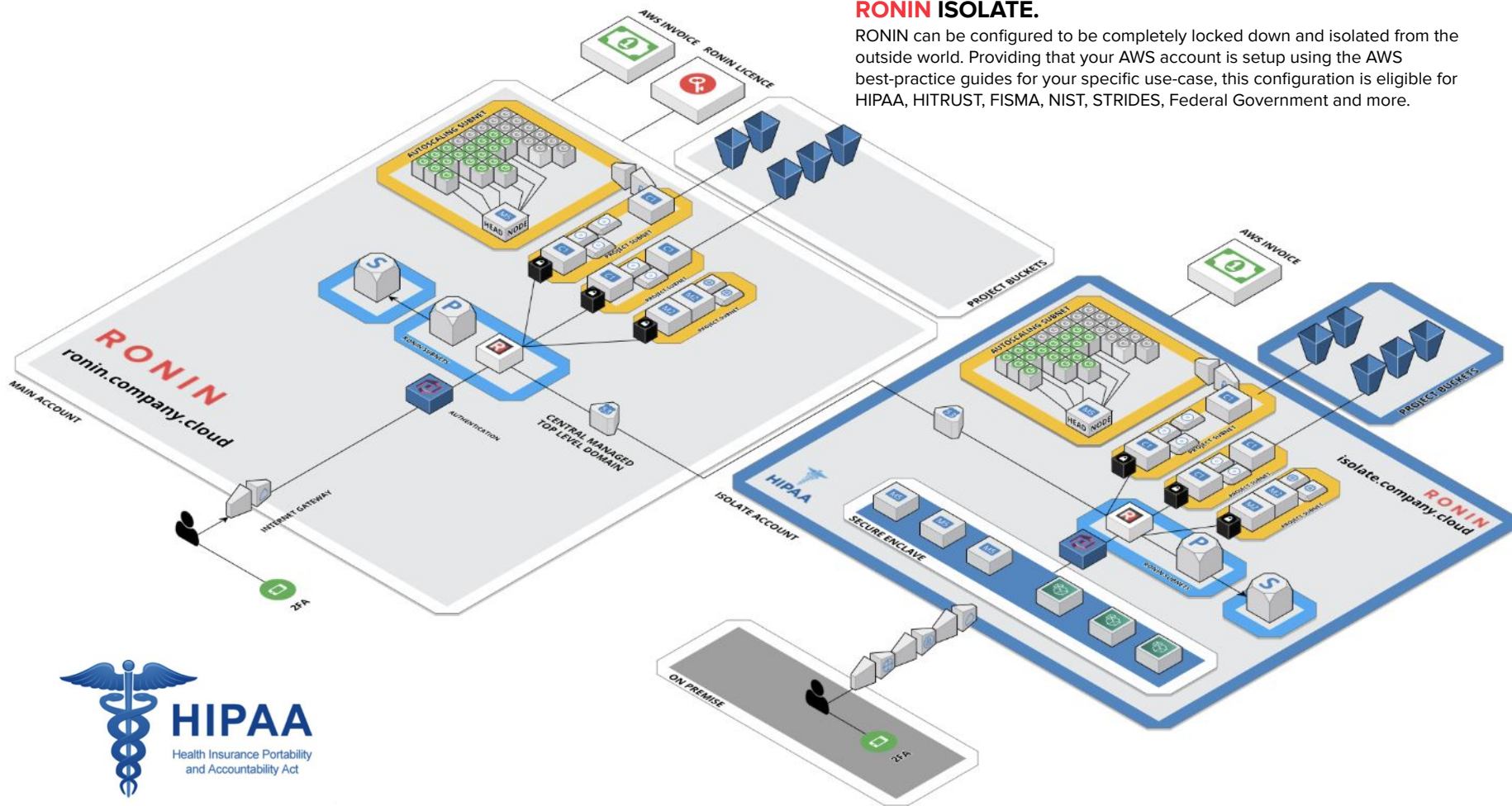
RONIN SECURE STREAM

With RONIN Secure Stream, your organization can safely connect your RONIN machines to on-prem services such as licences servers. For example, you might need to connect to your on-prem Matlab Licence server so that your RONIN machines can utilize that licence.

RONIN CAN ACCESS IT... DATA LAKES, PUBLIC DATA SETS, ON-PREM OR LOCAL.

RONIN can be configured to securely reach almost any data set. We offer many different configurations to suit the location of the data you would like to access.

DATA LAKES

ON-PREM FILE SHARE

On Prem Data center

LICENCE SERVERS

VPN, DIRECT CONNECT OR OTHER

STORAGE GATEWAY

AUTOSCALING SUBNET

HEAD NODE

PROJECT SUBNET

SECURE STREAM SUBNET

SECURITY GROUPS

SECURE STREAM

PROJECT SUBNET

PROJECT SUBNET

PUBLIC DATA SETS

AUTHENTICATION

CENTRAL MANAGEMENT

PROJECT BUCKETS

RONIN
ronin.company.cloud

MASTER ACCOUNT

RONIN CORE SUBNET

RONIN ASSETS

AWS INVOICE

RONIN LICENCE

ADMIN

RONIN DATABASES

RDS SUBNET

INTERNET GATEWAY

END USER

RONIN ISOLATE.

RONIN can be configured to be completely locked down and isolated from the outside world. Providing that your AWS account is setup using the AWS best-practice guides for your specific use-case, this configuration is eligible for HIPAA, HITRUST, FISMA, NIST, STRIDES, Federal Government and more.

AWS INVOICE

RONIN LICENCE

AUTOSCALING SUBNET

HEAD NODE

PROJECT SUBNET

PROJECT SUBNET

PROJECT SUBNET

PROJECT BUCKETS

RONIN
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MAIN ACCOUNT

RONIN SUBNET

AUTHENTICATION

CENTRAL MANAGED
TOP-LEVEL DOMAIN

INTERNET GATEWAY

2FA

AWS INVOICE

AUTOSCALING SUBNET

HEAD NODE

PROJECT SUBNET

PROJECT SUBNET

PROJECT BUCKETS

HIPAA

ISOLATE ACCOUNT

SECURE ENCLAVE

RONIN SUBNET

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RONIN

ON PREMISE

2FA

HIPAA
Health Insurance Portability
and Accountability Act

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< THANK YOU. >