

# acxell

A D V I S O R

Winter 2023



MANAGING TRANSITION RISK  
8 tips for a successful succession plan

STAY ON TOP OF LIQUIDITY RISK

IS BLOCKCHAIN THE FUTURE OF BANKING?

MONITORING AND MANAGING INTEREST RATE RISK

BANK WIRE

# acxell

[www.acxellrms.com](http://www.acxellrms.com) 877.651.1700

# MANAGING TRANSITION RISK

## 8 tips for a successful succession plan

One of the biggest challenges community banks face today is a shortage of banking talent. So, it's critical for banks to develop a solid succession plan to manage transition risk. When key management personnel retire or leave unexpectedly, a succession plan helps ensure that the bank is prepared for the change and proactively addresses the vacancy.

### TAILOR YOUR PLAN

Keep in mind that your succession plan must be tailored to your bank's size, complexity, location, culture, risk profile, product and service mix, management "bench strength," and other characteristics. With that in mind, here are eight tips to get you started:

**1. Look within.** There are many advantages to identifying internal candidates to succeed the CEO and other key management personnel. They're already immersed in your bank's culture and are familiar with its operations, goals and strategies. Another big advantage of

promoting from within is that your board of directors is likely already familiar with internal candidates' work and personalities.

TO MINIMIZE DISRUPTIONS, A BANK CAN USE CROSS-TRAINING TO ENSURE THE AVAILABILITY OF BACKUP STAFF WHO CAN ASSUME MANAGEMENT RESPONSIBILITIES ON AN INTERIM BASIS.

**2. Have a leadership development program.** A formal program for developing potential successors improves your chances of identifying internal successors. By providing training, mentoring and coaching, you help candidates develop the skills they need to succeed in a management role — and you have an opportunity to evaluate their performance over time. In addition, your investment in employees may help with retention.

**3. Consider external candidates.** Although promoting from within has significant advantages, in some cases considering external candidates may be necessary or desirable. For example, if a CEO or other executive departs unexpectedly, you might not have a suitable internal candidate. Or perhaps the board feels that your bank would benefit from an outsider's fresh perspective or experience at other types of institutions.



#### 4. Look beyond the CEO.

Many banks' succession plans are limited to the top role. But it can be equally important to plan for the departure of other key positions — such as the CFO, chief risk officer or chief technology officer — as well as division or department heads who are critical to the bank's operations and success.

As you review your bank's organizational chart, examine each position, consider the potential impact of a sudden vacancy and plan accordingly.

**5. Think both short- and long-term.** It's important to have a short-term plan in the event someone leaves unexpectedly. This may involve designating interim successors who can fill in until a permanent replacement is found (which, in some cases, may be the interim successor). To minimize disruptions, a bank can use cross-training to ensure the availability of backup staff who can assume management responsibilities on an interim basis.

**6. Make implementation part of your plan.** Outlining your succession goals and strategies isn't enough. Your plan should also include a "playbook" that sets forth processes for implementing the plan. For example, if you plan to hire from outside the bank, the playbook should specify where you'll look for candidates, where you'll post job listings and how you'll identify the right people for the job. It might include checklists or other tools for evaluating candidates.

**7. Communicate your plan.** Transparency is key. It's important to communicate your plans to all involved and manage candidates' expectations to avoid losing people when one person is selected as successor. Make

### REGULATORY EXPECTATIONS REGARDING SUCCESSION PLANNING

Federal banking agencies view succession planning as a key governance and risk management tool. In a recently published Q&A on succession planning, Federal Reserve representatives note that "management capabilities and succession prospects are considered throughout the examination process" and that these factors influence the "assessment of the bank's viability."

The Q&A also says that "given the importance of maintaining qualified bank leadership, any significant disruption in the bank's operations can have far-reaching, negative ramifications for a bank's safety and soundness. Hence, an effective succession plan is nimble enough to respond to changes in bank leadership in a timely fashion."

sure participants view the process as a career development opportunity, not a competition, and that you have a clear career path for those who aren't chosen.

**8. Revisit your plan regularly.** A succession plan isn't something you can put on a shelf and forget about until it's time to implement it. To ensure that your plan continues to make sense for your institution, review it periodically and update it if necessary to reflect changes in your bank's strategies, size, product and service offerings, regulatory environment, or other circumstances. Suppose, for example, that three years after developing a succession plan, a bank implements mobile banking applications and other digital technologies and hires a CTO. Unless the plan is updated, the bank's operations could be disrupted if the CTO leaves.

#### START EARLY

Ideally, succession planning should start several years before potential succession events. You'll need to give yourself plenty of time to define the qualifications you're looking for, draft job descriptions, and evaluate internal and external candidates. You'll also need backup plans for unexpected departures. By planning for management transitions, you'll head off transition problems before they have a chance to derail your bank. ■

## STAY ON TOP OF LIQUIDITY RISK

In an uncertain economy, with rampant inflation and other significant economic headwinds, it's a good idea for community banks to ensure their loans are based on sound funding sources and that the degree of liquidity risk they're carrying is reasonable and manageable for the foreseeable future. This means your bank needs to have adequate procedures in place to mitigate risk and stay solvent through tough times.

### WHAT ARE THE PROBLEMS?

The recent economic downturn is just one reason for the increase in liquidity risk. It's also tied to loan growth accompanied by shrinking liquid asset holdings and increasing reliance on noncore and wholesale sources — such as borrowings, brokered deposits, internet deposits, deposits obtained through listing services and uninsured deposits — to fund loan growth.

Typically, these alternative funding sources are more expensive and volatile than insured core deposits. And they're subject to legal, regulatory and counterparty requirements that can create liquidity stress, particularly if a bank has credit quality issues or deteriorating capital levels.

The Federal Deposit Insurance Corporation (FDIC) recognizes that alternative funding sources can be an important component of a well-managed bank's liquidity and funding strategy. But these sources can be problematic if a bank relies on them too heavily. Incorporating a balanced funding strategy into a comprehensive liquidity risk management plan is key to success.

### HOW CAN YOU MANAGE LIQUIDITY RISK?

The FDIC urges banks to consult the federal banking regulators' *Interagency Policy Statement on Funding*



*and Liquidity Risk Management*, which outlines the essential elements of sound liquidity risk management. The statement notes that banks should balance the use of alternative funding sources “with prudent capital, earnings and liquidity considerations through the prism of the institution’s approved risk tolerance.” Specifically, they should:

- ▶ Ensure effective board and management oversight,
- ▶ Adopt appropriate strategies, policies, procedures and limits to manage and mitigate liquidity risk,
- ▶ Implement appropriate liquidity risk measurement and monitoring systems,
- ▶ Actively manage intraday liquidity and collateral,
- ▶ Have a diverse mix of existing and potential future funding sources, and
- ▶ Hold adequate levels of highly liquid marketable securities that are free of legal, regulatory or operational impediments.

### WHAT'S THE BACKUP PLAN?

Banks also should design a comprehensive contingency funding plan (CFP) that sufficiently addresses potential adverse liquidity events and emergency cash

flow requirements. Finally, they need to set up appropriate internal controls and internal audit processes.

For banks that rely heavily on volatile funding sources, it's important to ensure that the banks' risk tolerances and recovery strategies are reflected in their asset-liability management programs and CFPs. A well-developed CFP should help a bank manage a range of liquidity stress scenarios by establishing clear lines of responsibility and articulating implementation, escalation and communication procedures. It also needs to address triggering mechanisms, early warning indicators and remediation steps that cover the use of contingent funding sources.

CFPs should identify alternative liquidity sources and ensure ready access to contingent funding because liquidity pressures can spread during a period of significant stress. Examples of backup funds providers include federal home loan banks, correspondent

institutions and others that facilitate repurchase agreements or money market transactions.

An independent party should regularly review and evaluate the various components of a bank's liquidity management process. The review should match the process against regulatory guidance and industry best practices as adjusted for the bank's liquidity risk profile. The reviewer then should report the results to management and the board of directors.

### HOW DO YOU STAY AFLOAT?

Clearly, for community banks, managing liquidity risk is key to staying solvent and profitable. Without appropriate strategies in place for dealing with potential funding source issues, your bank could be left to flounder in an ocean of problems. Help your bank stay afloat by ensuring you have robust practices in place. ■

## IS BLOCKCHAIN THE FUTURE OF BANKING?

**B**lockchain, the technology behind Bitcoin and other cryptocurrencies, has been in the news a great deal in recent months. Headlines about the volatility of cryptocurrencies and their relative lack of regulatory oversight have generated widespread skepticism about the technology. But the uses of blockchain go well beyond cryptocurrency. And its potential benefits for banks have led many to believe that blockchain is poised to transform the industry.

### WHAT IS BLOCKCHAIN?

The technology that powers blockchain is complex. But the concept is relatively simple: A blockchain is a distributed database (or "ledger") that's shared among thousands or even millions of computers or

servers, called "nodes," maintained by independent third parties (individuals or organizations).

The lack of centralized storage or control makes it extremely difficult for someone to tamper with the ledger. It can accept new transactions only if they're verified by these third parties through established consensus protocols. As a result, the ledger is highly resistant to errors or fraud. In addition, the technology uses encryption and digital signatures to protect participants' identities.

### HOW CAN IT BE USED IN BANKING?

Blockchain generates validated, immutable records that are readily available to all parties. This helps

establish trust while minimizing the need for intermediaries to authenticate or certify transactions. It's well suited, therefore, for a variety of banking functions. Here are a few examples:

### **Processing payments and transfers.**

Payments and bank transfers, especially international transactions, can be costly and time consuming. A simple bank transfer must wind its way through a complex system of correspondent banks, custodians and other intermediaries to reach its destination, adding time and fees to the process. Blockchain makes it possible to clear and settle these transactions almost instantly, often outside traditional banking hours, without the need for multiple intermediaries. Most blockchain-based payments and transfers are made using stablecoins — cryptocurrencies that are tied to the value of a fiat currency, such as the U.S. dollar, thereby limiting volatility.

BLOCKCHAIN GENERATES VALIDATED, IMMUTABLE RECORDS THAT ARE READILY AVAILABLE TO ALL PARTIES.

**Verifying customers' identities.** "Know your customer" requirements can make it costly and cumbersome for banks to verify their customers' identities. By storing customer information on a blockchain, the process can be streamlined. It allows various financial institutions, as well as business units within those institutions, to access and verify customer information while protecting customer privacy.



**Processing mortgages and other loans.** Blockchain has the potential to streamline loan processing. Using "smart contract" technology to create, store and execute documents, blockchain avoids confusion and errors by ensuring that everyone is working off of the same version of a document. It also prevents anyone from modifying it without alerting others. And if a change or correction is required, it's added to the blockchain, together with supporting documentation, creating a permanent audit trail.

Blockchain also can greatly speed up the transaction process by automating some tasks. For example, funds can automatically be released from escrow upon verification of specific preconditions, such as title clearances or loan approvals.

### **READY FOR PRIME TIME?**

These examples are just a few potential uses of blockchain in the banking industry. The technology is still relatively new and might not be quite ready for prime time, especially for community banks. But given the potential benefits — in terms of efficiency, security and cost savings — it's definitely worth exploring further. ■

# MONITORING AND MANAGING INTEREST RATE RISK

**F**or community banks, interest rate risk is a part of doing business, so it's critical for banks to monitor that risk and take steps to control it. The "right" level of risk depends on several factors, including the size and complexity of a bank's operations, as well as the sufficiency of its capital and liquidity to withstand the potential adverse impact of interest rate fluctuations.

Managing interest rate risk is particularly important in light of recent rate increases. The Office of the Comptroller of the Currency (OCC), in its Fiscal Year 2023 Bank Supervision Operating Plan, instructed examiners to determine whether banks appropriately manage interest rate risk through "effective asset and liability risk management practices," noting that "rising rates may negatively affect asset values, deposit stability, liquidity, and earnings."

## TYPES OF INTEREST RATE RISK

In simple terms, interest rate risk means risk to a bank's financial condition or resilience (that is, its ability to withstand periods of stress) caused by

movements in interest rates. There are several types of interest rate risk, including:

**Repricing risk.** Banks experience this risk when their assets and liabilities reprice or mature at different times. Suppose, for example, that a bank makes a five-year, fixed-rate loan at 7% that's funded by a six-month certificate of deposit (CD) at 3%. Every six months, when the CD renews, the bank is exposed to repricing risk. If the CD rate increases to 4% after six months, then the bank's net interest income drops from 4% to 3%. Conversely, if the CD rate declines, the bank's net interest income increases.

IN SIMPLE TERMS, INTEREST RATE RISK MEANS RISK TO A BANK'S FINANCIAL CONDITION OR RESILIENCE CAUSED BY MOVEMENTS IN INTEREST RATES.

To gauge repricing risk, banks can compare their volume of assets and liabilities that mature or reprice over a given time period. The potential impact of fluctuating interest rates will depend in part on whether a bank is asset- or liability-sensitive. If it's asset-sensitive — meaning assets reprice more quickly than liabilities — then its earnings generally increase when interest rates rise and decrease when they fall. If it's liability-sensitive — meaning liabilities reprice more quickly than assets — then its earnings generally increase when interest rates fall and decrease when they rise. Some banks are neutral — that is, their assets and liabilities reprice at the same time.

**Basis risk.** This risk arises when there's a shift in the relationship between rates in different markets or on



## STRESSING OUT ABOUT INTEREST RATE RISK

The Office of the Comptroller of the Currency (OCC) provides guidance on managing interest rate risk. The guidance urges banks to conduct periodic stress tests that include both scenario analysis and sensitivity analysis. Stress testing can help a bank manage risk by evaluating the possible impact of various adverse external events on a bank's earnings, capital adequacy and other financial measures.

Scenario testing examines the potential impact of various hypothetical or historical scenarios — such as rising or falling interest rates — on the bank's financial performance. Sensitivity analysis estimates the impact of changes in certain assumptions or inputs into a financial model. It helps the bank determine which assumptions have the greatest influence on outcomes and fine-tune its assumptions accordingly.

different financial instruments. Suppose, for example, that an asset and a related liability are tied to the prime rate and the one-year U.S. Treasury rate, respectively. If the spread between those two rates widens or narrows, it will affect the bank's net interest margins.

**Yield curve risk.** This risk arises from changes in the relationships among yields from similar instruments with different maturities. Suppose, for example, that a bank funds long-term loans with short-term deposits. A typical yield curve reflects rates that rise as maturities increase. However, if market conditions cause the yield curve to flatten or even slope downward, the bank's net interest margins can shrink or even turn negative.

**Options risk.** Bank assets and liabilities often contain embedded options, such as the right to pay off a loan or withdraw deposits early with little or no penalty. The bank is compensated for offering customers this flexibility (typically in the form of higher interest rates on loans or lower interest rates on deposits). But granting these options creates interest rate risk. For example, if interest rates go up, deposit holders will have an incentive to move their funds into investments that enjoy higher returns. If rates go down, many borrowers will pay off their loans so they can refinance at a lower rate.

Another risk associated with rising interest rates is an increased risk of default by borrowers with variable rate loans.

## MANAGING THE RISK

Banks can apply financial modeling techniques to measure and monitor their interest rate risk. If your interest rate risk is unacceptably high, consider strategies for mitigating it, such as:

- ▶ Adjusting your bank's mix of assets and liabilities to reduce interest rate risk,
- ▶ Increasing capital to help the bank absorb the impact of fluctuating interest rates,
- ▶ Reducing options risk by controlling the terms of loans and deposits, or
- ▶ Using interest rate swaps or other techniques to hedge against interest rate risk.

Keep in mind that a key component of interest rate risk management is stress testing. (See "Stressing out about interest rate risk" above.)

## LOOK AT THE BIG PICTURE

This article focuses on interest rate risk, but it's important to keep in mind that many of the risks banks face are interrelated. Thus, management of interest rate risk should be incorporated into a bank-wide risk management system. ■



# BANK WIRE

## NEW ACH RULES ISSUED FOR “MICRO-ENTRIES”

Earlier this year, the National Automated Clearing House Association (Nacha) adopted rule changes regarding micro-entries — the small ACH credits and debits originators or third-party senders use to validate customer account information. The changes are designed to standardize practices and formatting of micro-entries in order to improve the effectiveness of micro-entries as a means of account validation; better enable identification and monitoring of micro-entries; and improve ACH Network quality.

Effective September 16, 2022, micro-entries are defined as ACH credits of less than one dollar — and any offsetting debits — used for account validation. Credit amounts must equal or exceed debit amounts, and credits and debits must be transmitted to settle at the same time. Originators must use “ACCTVERIFY” in the company entry description field. In addition, the company name must be easily recognizable and similar to the name used in subsequent entries.

Effective March 17, 2023, originators must use commercially reasonable fraud detection, including monitoring micro-entry forward and return volumes. ■

## PROPOSAL WOULD MODERNIZE COMMUNITY REINVESTMENT ACT

Under the Community Reinvestment Act (CRA), federal banking agencies periodically evaluate community banks’ records in meeting their communities’ needs



and make those evaluations available to the public. They also consider a bank’s CRA rating when reviewing requests to approve mergers or acquisitions, charters, branch openings, and deposit facilities. Recently, the agencies issued a proposal to modernize their CRA regulations. Among other things, the proposed regulations would: 1) promote expanded access to credit, investment and basic banking services in low- and moderate-income communities, 2) update CRA assessment areas to include activities associated with online and mobile banking, branchless banking and hybrid models, and 3) provide greater clarity and consistency by adopting a metrics-based approach to CRA evaluations of retail lending and community development financing. ■



## BLACK BOX CREDIT MODELS DON’T EXCUSE ECOA NONCOMPLIANCE

The Consumer Financial Protection Bureau (CFPB) has issued a warning to banks and other lenders that use complex algorithms (popularly known as “black box” models) to make credit decisions. A recent CFPB circular warned that the use of these models doesn’t allow lenders to avoid their obligations under the Equal Credit Opportunity Act (ECOA). The act requires lenders to provide applicants with specific reasons for the denial of credit or other adverse actions. The circular makes clear that a lender isn’t relieved of this obligation, even if a black box model prevents it from accurately identifying the specific reasons for an adverse action. According to the circular, “A creditor’s lack of understanding of its own methods is ... not a cognizable defense against liability for violating ECOA.” ■

*This publication is distributed with the understanding that the author, publisher and distributor are not rendering legal, accounting or other professional advice or opinions on specific facts or matters, and, accordingly, assume no liability whatsoever in connection with its use. ©2022*



acxell (“acxell”) has been meeting the specific risk management needs of community banks of all sizes since 1991. As a high quality and affordable alternative to other firms, acxell provides internal audit, regulatory compliance, BSA/AML, information technology, SOX/FDICIA and enterprise risk management review services and software. acxell is exclusively dedicated to the banking industry, providing clients with dedicated, focused and hand-held services reflective of a wide range of skills, experience and industry expertise. As a Firm, we have also been proactive in assisting our clients with the designing, implementation and testing of the internal control environment to assist management with the attestation requirement under the Sarbanes-Oxley Act.

acxell’s uniqueness is characterized by its experienced staff and partners. Their hands-on involvement on each engagement provides our clients with a wide range of skills, experience and industry expertise. We employ the

use of Subject Matter Experts — designated individuals performing audits in their specific field of expertise. The use of such professionals provides a unique value-added approach that is both efficient and productive.

We believe that a significant aspect of our services is our degree of involvement and responsibility to assist management by making suggestions for improvement, keeping them informed of professional developments and by acting as an independent counsel and sounding board on general business matters and new ideas.

We pride ourselves in our ability to provide effective and practical solutions that are commensurate with our clients’ needs by emphasizing high-quality personalized service and attention. Our services are truly customized.

*For **Solutions** to your risk management needs, please contact our service coordinators at (877) 651-1700, or log-on to [www.acxellrms.com](http://www.acxellrms.com) to learn more.*



[www.acxellrms.com](http://www.acxellrms.com)

Headquarters:  
646 US Highway 18  
East Brunswick, NJ 08816

Offices:  
New York, NY  
Philadelphia, PA  
Chicago, IL  
Miami, FL